

Quarterly Report
on
Official Feed Samples Analyzed

by the

FEED AND FERTILIZER DEPARTMENT
KENTUCKY AGRICULTURAL EXPERIMENT
STATION

July, August, and September, 1953



Kentucky Agricultural Experiment Station
University of Kentucky
Lexington

FEED AND FERTILIZER DEPARTMENT
KENTUCKY AGRICULTURAL EXPERIMENT STATION

Bruce Poundstone, Head of Department

FIELD INSPECTION

Robert Mathews
Neville Hulette

Otis R. Wheeler
Arvy G. Sims

Noel J. Howard
Josiah E. Anderson

LABORATORY

Harry R. Allen
Valva Midkiff
Louise Jett

J. A. Shrader
Rose J. Ruh
Chester Ball

Lelah Gault
Thelma Scott Anderson
Robert N. Price

CONTENTS

	Page
Fluorine Content of Dairy Feed-----	3
Analysis of Medicated Feed and Vitamin A	
Analysis of Alfalfa Meal-----	5
Protein and Mineral Feeds and Mineral Feeds-----	6
Analysis of Non-Protein Nitrogen from Urea	
in Feeds-----	11
Report of Official Feed Samples Analyzed for	
July, August, September 1953-----	17

FLUORINE CONTENT OF DAIRY FEEDS

Sample Number	Name of Manufacturer and Feed	Per Cent of Fluorine
ALLIED MILLS, INC., CHICAGO, ILLINOIS		
1497	Wayne 32% Dairy Supplement-----	0.002
1557	Sugarine Special 16% Dairy Feed-----	0.001
AUBREY AND COMPANY, LOUISVILLE, KENTUCKY		
865	Red "A" 16-1/2% Dairy Feed-----	0.002
1052	Red "A" 16-1/2% Dairy Feed-----	0.001
721	Red "A" 18% Dairy Feed-----	0.002
715	Red "A" 20% Dairy Feed-----	0.003
573	Red "A" 20% Dairy Feed-----	0.002
714	Red "A" 24% Dairy Feed-----	0.002
1553	Red "A" 24% Dairy Feed-----	0.001
1270	Red "A" 32% Dairy Supplement-----	0.002
BIG FOUR MILLS, COVINGTON, KENTUCKY		
824	O.K. 16% Dairy Feed-----	0.001
761	O.K. 16% Dairy Feed-----	0.001
1138	O.K. 16% Dairy Feed-----	0.003
839	Kentucky Hi-Lo 24% Dairy Feed-----	0.002
557	Big Four 24% Dairy Feed-----	0.002
COOPERATIVE MILLS, CINCINNATI, OHIO		
440	16% Dari-Flo-----	0.004
963	16% Dari-Flo-----	0.003
544	16% Utility Dairy-----	0.001
604	16% Milk Maker-----	0.002
701	16% Pasture Dairy-----	0.002
662	16% Pasture Dairy-----	0.003
1072	16% Pasture Dairy-----	0.002
479	Milk Maker 20%-----	0.005
789	Milk Maker 20%-----	0.004
1153	Milk Maker 20%-----	0.005
1292	Milk Maker 20%-----	0.006
708	20% Dairy Feed-----	0.007
443	24% Milk Maker-----	0.007
692	24% Milk Maker-----	0.004
536	Milk Maker 32% Dairy Supplement-----	0.010
769	Milk Maker 32% Dairy Supplement-----	0.004
DEARBORN MILLS, AURORA, INDIANA		
739	Dearborn Sweet 16% Dairy Feed-----	0.002
726	Dearborn 16% Dairy Feed-----	0.001
1483	Dearborn Sweet 20% Dairy Feed-----	0.009
725	Dearborn Sweet 24% Dairy Feed-----	0.002
HENRY FRUECHTENICHT COMPANY, LOUISVILLE, KENTUCKY		
1493	Producer 16% Dairy Feed-----	0.009
1076	Blue Grass 16% Dairy Feed-----	0.009
716	Blue Grass 20% Dairy Feed-----	0.002
442	Producer 24% Dairy Feed-----	0.001
805	Blue Grass 24% Dairy Feed-----	0.002
1098	Blue Grass 24% Dairy Feed-----	0.007
781	Blue Grass 33% Dairy Concentrate (with urea)-----	0.003

FLUORINE CONTENT OF DAIRY FEEDS (Cont'd)

Sample Number	Name of Manufacturer and Feed	Per Cent of Fluorine
HALES AND HUNTER, CHICAGO, ILLINOIS		
698	Pioneer 16% Dairy Feed-----	0.003
1107	Pioneer 16% Dairy Feed-----	0.005
1088	Gold Flake 16-1/2% Dairy Feed-----	0.003
1325	Pioneer 32% Dairy Supplement-----	0.009
778	Pioneer 12% Dry and Freshening Feed-----	0.003
LEXINGTON ROLLER MILLS, LEXINGTON, KENTUCKY		
756	Sweet Sue 16% Sweet Dairy Feed-----	0.002
1556	Sweet Sue 16% Sweet Dairy Feed-----	0.001
564	Thoroughbred 16% Sweet Dairy Feed-----	0.002
1206	Thoroughbred 16% Sweet Dairy Feed-----	0.001
943	Thoroughbred 20% Sweet Dairy Feed-----	0.001
1075	Thoroughbred 20% Sweet Dairy Feed-----	0.002
513	Thoroughbred 24% Sweet Dairy Feed-----	0.001
1333	Thoroughbred 24% Sweet Dairy Feed-----	0.001
OWENSBORO MILLING COMPANY, OWENSBORO, KENTUCKY		
1037	Sugar Lassie 16% Dairy Feed-----	0.001
671	Tru-Test 16% Milk Maker-----	0.002
PAN AMERICAN MILLS, BOWLING GREEN, KENTUCKY		
1025	Bell Ringer 16% Dairy Feed-----	0.003
PILLSBURY MILLS, LOUISVILLE, KENTUCKY		
1022	Balco 16% Dairy Feed-----	0.002
1315	Dutch Maid 16% Dairy Feed-----	0.009
1131	Pillsbury's Champion 16% Dairy Feed-----	0.001
1351	Pillsbury's Best 16% Dairy Feed-----	0.001
1034	Pillsbury's Champion 20% Dairy Feed-----	0.006
1352	Pillsbury's Best 20% Dairy Feed-----	0.001
1402	Pillsbury's Champion 24% Dairy Feed-----	0.001
1215	Pillsbury's Champion 24% Dairy Feed-----	0.001
1132	Pillsbury's Best 24% Dairy Feed-----	0.002
1069	Pillsbury's Champion 20% Hog and Sow Ration-----	0.001
RALSTON PURINA COMPANY, ST. LOUIS, MISSOURI		
741	Purina Milk Chow 16%-----	0.009
325	Purina Milk Chow 16%-----	0.003
556	Kentucky State 16% Dairy Feed-----	0.003

ANALYSIS OF MEDICATED FEED

Manufacturer, Brand and Remarks	Drug	Guarantee	Found
AUBREY AND COMPANY, LOUISVILLE, KENTUCKY			
Nitrophenide in Red A 20% All Mash Starter and Grower	Nitrophenide	0.0125	0.014
BUHNER AND COMPANY, LOUISVILLE, KENTUCKY			
Sulfaquinoxaline in Happy Farmer 18% Starter and Grower	Sulfaquinoxaline	0.0125	0.01
W. C. DICKEN, MENTOR, KENTUCKY			
Nitrofurazone in Sunny Grain Growing Mash	Nitrofurazone	0.0055	0.0051
GENERAL MILLS, MINNEAPOLIS, MINNESOTA			
Nitrofurazone in Larro 18% Broiler Supplement	Nitrofurazone	0.0055	<u>0.0036</u>
HALES AND HUNTER COMPANY, CHICAGO, ILLINOIS			
Nitrophenide and Arsanilic Acid in Havana Broiler Finisher	Nitrophenide	0.015	0.0125
	Arsanilic Acid	0.0099	0.01
OWENSBORO MILLING COMPANY, OWENSBORO, KENTUCKY			
Nitrophenide in Tru-Test 20% Broiler Mash	Nitrophenide	0.0125	0.0092
SCHULTZ, BAUJAN AND COMPANY, BEARDSTOWN, ILLINOIS			
Nitrophenide in Critic Growing Mash	Nitrophenide	0.018	0.0093
STANDARD FEED MILLING COMPANY, ATLANTA, GEORGIA			
Nitrophenide in Super Quality Golden Broiler Finisher	Nitrophenide	0.018	0.0125

VITAMIN A ANALYSIS OF ALFALFA MEAL

Manufacturer, Brand and Remarks	U. S. P. UNITS of Vitamin A Per Pound
National Alfalfa Dehydrating and Milling Co., Lamar, Colorado 17% Alfalfa Meal	78,635
Reelfoot Alfalfa Mill, Tiptonville, Tennessee 17% Dehydrated Alfalfa Meal	66,640

For protein, fat and fiber analysis of the above samples see report of official feed samples analyzed in the pages that follow.

Protein and Mineral Feeds and Mineral Feeds

Manufacturer, Brand and Remarks	Protein		Fat		Fiber		Calcium		Phosphorus		Iodine		Salt	
	Guar	Found	Guar	Found	Guar	Found	Guar	Found	Guar	Found	Guar	Found	Guar	Found
ALLIED MILLS, INC., CHICAGO, ILL.														
** Wayne 32% Dairy Supplement	32.0	35.0	2.5	1.8	8.0	5.5	1.5	1.7	.7	.8	.0008	----	2.5	2.3 **
Wayne 27% Sweet Mix Stock Supplement	27.0	30.1	2.5	2.6	10.0	5.9	1.7	2.4	.5	.7	.0005	----	2.5	1.3
Wayne Hog Supplement	40.0	40.9	1.5	2.4	6.0	6.2	3.0	3.4	1.0	1.2	.0008	----	2.5	2.3
Wayne Brood Sow Supplement	36.0	40.7	1.5	2.4	9.0	6.0	3.4	4.0	1.0	1.6	.0008	----	2.5	2.7
AUBREY AND CO., LOUISVILLE, KY.														
Red "A" 40% Protein and Mineral Hog Supplement	40.0	42.3	1.0	1.9	7.0	5.3	3.0	3.3	.8	.9	.0021	----	3.0	2.6
BUHNER AND CO., LOUISVILLE, KY.														
"Farm Joy" 40% Hog Supplement	40.0	40.9	1.5	3.6	7.0	6.4	4.5	4.7	1.0	1.4	-----	----	2.5	2.7
COOPERATIVE MILLS, CINCINNATI, OHIO														
32% Protein and Mineral Poultry Supplement	32.0	33.7	2.0	2.1	8.0	6.7	4.5	4.6	1.5	1.8	.001	----	2.5	2.4
32% Protein and Mineral Poultry Supplement	32.0	32.5	2.0	2.4	8.0	6.9	4.5	4.2	1.5	1.7	.001	----	2.5	2.1
Beef Supplement	30.0	32.9	2.0	3.4	11.0	10.4	1.7	1.4	1.0	1.0	.0001	----	8.0	6.2
Beef Supplement	30.0	34.5	2.0	3.2	11.0	9.2	1.7	1.7	1.0	1.0	.0001	----	2.5	2.6
40% Pork Maker (Hogs on Pasture)	40.0	42.0	1.5	2.4	8.5	4.6	3.5	4.2	1.2	1.7	.0001	----	2.0	2.0
40% Pork Maker (Hogs on Pasture)	40.0	41.9	1.5	2.0	8.5	5.2	3.5	4.0	1.2	1.6	.0001	----	2.0	2.2
COOPERATIVE MILLS, BALTIMORE, MD.														
35% Sow and Pig Supplement (Hogs not on Pasture)	35.0	37.5	1.2	2.3	8.5	7.3	3.0	3.3	1.0	1.2	.0001	----	2.0	1.4
35% Sow and Pig Supplement (Hogs not on Pasture)	35.0	34.6	1.2	1.9	8.5	7.1	3.0	3.6	1.0	1.2	.0001	----	2.0	2.0
** Steamed Bone Meal	----	----	---	---	---	---	27.5	24.3	13.0	11.7	-----	----	---	---
FAMOUS FEED MILLS, NASHVILLE, TENN.														
** "Famous Brand" 36% Poultry Supplement	36.0	42.7	2.5	3.7	6.0	6.8	2.2	1.7	.8	1.1	.0025	----	1.0	.9 **

**Samples failing to equal guaranty by more than one-half of one percent, or that were adulterated with hulls, unground weed seeds, or refuse.

Protein and Mineral Feeds and Mineral Feeds

Manufacturer, Brand and Remarks	Protein		Fat		Fiber		Calcium		Phosphorus		Iodine		Salt	
	Guar	Found	Guar	Found	Guar	Found	Guar	Found	Guar	Found	Guar	Found	Guar	Found
FAMOUS FEED MILLS, NASHVILLE, TENN. (Cont'd)														
"Famous Brand" 33% Protein Dairy Concentrate	33.0	34.4	3.0	3.5	9.0	9.1	2.1	3.2	.2	1.0	.004	----	2.0	1.9
HALES AND HUNTER CO., CHICAGO, ILL.														
Pioneer 32% Dairy Supplement	32.0	33.8	2.0	2.5	8.0	6.0	3.0	4.0	1.0	1.3	.006	----	1.5	1.6
** Pioneer Hog Balancer	36.0	37.7	2.5	3.9	7.0	6.7	4.7	3.2	2.0	1.4	.002	----	2.2	2.0 **
DR. HEINZ CO., WASHINGTON COURT HOUSE, OHIO														
Heinz Nu-Way 32% Poultry Supplement	32.0	34.8	3.0	3.3	8.0	6.7	2.5	3.2	.5	1.3	.001	----	1.0	1.4
HUTCHINS BROTHERS MINERAL WORKS, HILLSBORO, OHIO														
H. B. Special Formula Brand Mineral Feed	----	----	----	----	----	----	21.0	31.6	2.0	2.2	.0056	----	10.0	10.0
MCMILLEN FEED MILLS, FORT WAYNE, IND.														
Master Mix M-V 38% Broiler Concentrate	38.0	38.7	2.0	2.2	6.0	6.0	1.8	3.6	1.0	1.4	.0003	----	1.2	1.1
** Master Blend 33% Protein and Mineral Dairy Concentrate	33.0	34.4	1.5	.9	9.0	5.1	2.8	4.9	.9	1.3	.0003	----	2.5	2.1 **
Master Mix 34% Protein and Mineral Layer Concentrate	34.0	34.4	1.5	1.7	9.0	6.5	5.0	5.6	2.0	2.3	.0004	----	1.5	2.0
Master Blend 33% Protein and Mineral Dairy Concentrate	33.0	36.2	1.5	1.6	9.0	5.4	2.8	3.4	.9	1.2	.0003	----	2.5	2.2
Master Blend 33% Protein and Mineral Dairy Concentrate	33.0	35.6	1.5	2.1	9.0	5.6	2.8	3.2	.9	.9	.0003	----	2.5	2.1
** Master Mix 35% Protein and Mineral Hog Concentrate	35.0	35.5	1.5	2.4	9.0	7.4	3.8	4.3	1.1	1.4	.0005	----	1.0	1.7 **
Master Mix 35% Protein and Mineral Hog Concentrate	35.0	37.6	1.5	2.0	9.0	7.3	3.8	4.7	1.1	1.3	.0005	----	1.6	1.5

**Samples failing to equal guaranty by more than one-half of one percent, or that were adulterated with hulls, unground weed seeds, or refuse.

Protein and Mineral Feeds and Mineral Feeds

Manufacturer, Brand and Remarks	Protein		Fat		Fiber		Calcium		Phosphorus		Iodine		Salt	
	Guar	Found	Guar	Found	Guar	Found	Guar	Found	Guar	Found	Guar	Found	Guar	Found
MOORMAN MANUFACTURING CO., QUINCY, ILL.														
Moorman's 45% Protein and Mineral	45.0	47.0	2.0	3.1	7.5	7.3	2.7	2.5	1.0	1.0	.0025	---	3.8	2.8
Steer Supplement	---	---	---	---	---	---	18.0	18.1	5.0	5.6	.017	---	28.5	27.8
Moorman's Min-O-Phene for Sheep	---	---	---	---	---	---	---	---	---	---	---	---	---	---
PILLSBURY MILLS, INC., CLINTON, IOWA														
Pillsbury's Best Laying Mash	20.0	21.2	3.0	4.3	8.0	6.6	2.0	1.9	1.0	1.1	.0002	---	.7	.9
** Pillsbury's Champion Egg Producer	20.0	22.0	3.0	4.0	8.0	6.7	2.0	2.5	1.0	1.4	.0002	---	.7	.5 **
Contained mixed screenings														
Pillsbury's Champion Egg Producer	20.0	21.8	3.0	4.1	8.0	6.7	2.0	1.8	1.0	1.0	.0002	---	.7	.8
** Pillsbury's Best 32% Dairy Concentrate	32.0	36.7	2.0	2.1	8.0	6.1	3.0	1.6	1.0	1.3	.0003	---	2.0	1.8 **
** Pillsbury's Best 32% Dairy Concentrate	32.0	36.4	2.0	2.3	8.0	6.3	3.0	2.9	1.0	1.4	.0003	---	2.0	2.6 **
** Pillsbury's Best 24% Dairy Feed	24.0	24.3	2.5	3.2	8.5	7.5	1.7	1.3	.7	.7	.0002	---	1.0	1.5 **
Contained mixed screenings														
** Pillsbury's Best 24% Dairy Feed	24.0	25.2	2.5	3.5	8.5	6.5	1.7	1.4	.7	.8	.0002	---	1.0	1.7 **
Contained mixed screenings														
** Pillsbury's Best 24% Dairy Feed	24.0	23.8	2.5	3.3	8.5	5.8	1.7	1.2	.7	.7	.0002	---	1.0	1.2 **
** Pillsbury's Best 24% Dairy Feed	24.0	25.0	2.5	3.2	8.5	7.3	1.5	1.2	.7	.9	.0002	---	1.5	1.8
** Pillsbury's Best 24% Dairy Feed	24.0	24.8	2.5	3.0	8.5	6.3	1.5	1.3	.7	.7	.0002	---	1.5	1.4
Pillsbury's Best Beef Cattle Concentrate	32.0	33.6	1.5	1.5	8.0	6.2	2.7	2.9	.9	.9	.0003	1.7	1.5	.9
** Pillsbury's Best 14% Fitting Ration	14.0	17.6	3.0	4.0	10.0	9.1	1.7	1.2	.5	.8	.0001	---	1.0	1.1 **
Contained mixed screenings														
Pillsbury's Best 14% Fitting Ration	14.0	16.4	3.0	3.5	10.0	9.0	1.7	1.3	.5	.8	.0001	---	1.0	1.0
** Pillsbury's Best Hog Concentrate	40.0	43.0	1.5	2.0	7.0	5.5	4.0	3.4	1.5	1.7	.0004	---	1.7	1.9 **
Pillsbury's Best Pig and Sow Ration	18.0	20.8	3.0	3.4	6.0	6.3	1.7	1.7	.7	.9	---	---	1.0	1.0
Pillsbury's Best Pig and Sow Ration	18.0	20.3	3.0	3.1	6.0	5.5	1.7	1.9	.7	.6	---	---	1.0	.9
PROVICO FEEDS AND CONCENTRATES, CINCINNATI, OHIO														
Proviso 40% Hog Supplement	40.0	41.3	3.5	4.9	7.0	7.0	3.0	4.2	1.0	1.2	.0001	---	2.5	2.7
PURCELL SEED COMPANY EVANSVILLE, IND.														
"Judge Brand" 40% Protein Shoat and Hog Supplement	40.0	39.9	2.0	2.8	8.0	6.3	2.0	4.7	1.0	1.0	.0035	---	1.0	1.5

**Samples failing to equal guaranty by more than one-half of one percent, or that were adulterated with hulls, unground weed seeds, or refuse.

Protein and Mineral Feeds and Mineral Feeds

Manufacturer, Brand and Remarks	Protein		Fat		Fiber		Calcium		Phosphorus		Iodine		Salt	
	Guar	Found	Guar	Found	Guar	Found	Guar	Found	Guar	Found	Guar	Found	Guar	Found
THE QUAKER OATS CO., CHICAGO, ILLINOIS "Ful-O-Pep Brand" Hog Supplement (Drylot)	36.0	38.5	2.0	2.1	10.0	8.7	2.5	2.0	1.0	1.1	.0001	----	2.0	1.8
RALSTON PURINA COMPANY, ST. LOUIS, MO. Purina Chowder (Poultry Growing and Laying Concentrate)	36.0	38.3	1.5	4.3	9.0	7.5	3.5	4.2	1.2	1.5	.0003	----	2.0	2.5
** Purina Cow Chow 32% Protein and Mineral Concentrate Very much below guarantee in protein	32.0	29.2	1.5	2.9	9.0	6.5	3.0	4.5	1.0	.9	.00035	----	2.3	1.9 **
Purina Cow Chow 32% Protein and Mineral Concentrate	32.0	34.3	1.5	2.4	9.0	6.7	3.0	3.2	1.0	1.1	.0002	----	2.3	2.2
Purina Hog Chow 40% Supplement (For Pasture)	40.0	42.4	2.5	2.9	8.0	5.1	4.5	3.6	1.8	1.8	.0003	----	1.8	2.1
Purina 36% Hog Chow Supplement	36.0	37.9	2.0	3.8	10.0	6.4	4.0	4.0	1.8	1.9	.0003	----	1.8	2.2
Purina Sow and Pig Chow Supplement	32.0	35.2	2.5	3.5	9.0	5.9	3.5	3.7	1.6	2.0	.0003	----	1.8	2.1
Purina Sow and Pig Chow Supplement	32.0	31.9	2.5	3.0	9.0	5.6	3.5	5.6	1.6	2.6	.0003	----	1.8	2.0
STALEY MILLING COMPANY, KANSAS CITY, MO. "Four Bell Atoms Brand" 28% Turkey Balancer	28.0	30.0	2.5	2.7	8.0	6.6	2.0	3.0	.8	1.3	.0002	----	1.0	1.0
"Pro-Lass Brand" 35% Hog Supplement	35.0	35.5	1.5	4.5	8.0	7.8	2.0	3.9	1.0	1.7	.0004	----	1.0	1.5
SWEET FEEDS, HOPKINSVILLE, KENTUCKY Sweet Mix 40% Hog Supplement	40.0	42.7	4.0	6.4	6.0	5.2	2.5	3.2	1.1	1.2	.0004	----	2.0	2.0
SWIFT AND COMPANY, CHICAGO, ILLINOIS ** Swift's 32% Protein Dairy Concentrate	32.0	32.2	3.0	2.6	8.5	9.8	2.2	2.4	1.2	1.4	.0005	----	1.5	1.5 **
SWIFT AND COMPANY, CHICAGO, ILL. (Cont'd) Swift's 35% Protein Sow and Concentrate	35.0	34.8	3.0	4.7	8.5	8.0	3.2	3.8	1.2	1.5	.0005	----	1.5	2.0

**Samples failing to equal guaranty by more than one-half of one percent, or that were adulterated with hulls, unground weed seeds, or refuse.

ANALYSIS OF NON-PROTEIN NITROGEN FROM UREA IN FEEDS

Manufacturer, Brand and Remarks	Non-Protein Nitrogen	
	Guaranteed	Found
ALLIED MILLS, INC., CHICAGO, ILLINOIS Sugarine Special 16% Dairy Feed	5.00	4.30
APEX MILLING COMPANY, TOLEDO, OHIO White Tag 24% Dairy Feed	8.00	7.70
White Tag 24% Dairy Feed	8.00	8.60
White Tag 16% Dairy Feed	5.24	4.10
AUBREY AND COMPANY, LOUISVILLE, KENTUCKY Red "A" 32% Dairy Supplement	10.48	9.70
Red "A" 24% Dairy Feed	7.86	8.80
Red "A" 24% Dairy Feed	7.86	6.80
Red "A" 24% Dairy Feed	7.86	6.80
Red "A" 24% Dairy Feed	7.86	7.40
Red "A" 24% Dairy Feed	7.86	6.20
Red "A" 24% Dairy Feed	7.86	5.70
Red "A" 24% Dairy Feed	7.86	6.40
Red "A" 24% Dairy Feed	7.86	7.10
Red "A" 24% Dairy Feed	7.86	6.90
Supreme 24% Dairy Feed	7.86	7.30
Red "A" 20% Dairy Feed	6.55	5.70
Red "A" 20% Dairy Feed	6.55	6.40
Red "A" 20% Dairy Feed	6.55	6.50
Red "A" 18% Dairy Feed	5.24	5.50
Red "A" 18% Dairy Feed	5.24	5.50
Red "A" 18% Dairy Feed	5.24	6.00
Red "A" 16-1/2% Dairy Feed	3.93	3.90
Red "A" 16-1/2% Dairy Feed	3.93	3.70
Red "A" 16-1/2% Dairy Feed	3.93	3.90
Red "A" 16-1/2% Dairy Feed	3.93	3.70
Red "A" 16-1/2% Dairy Feed	3.93	4.50
BEAVER DAM MILLING COMPANY, BEAVER DAM, KENTUCKY Eureka 16% Dairy Feed (with urea)	5.24	0.60
Eureka 16% Dairy Feed (with urea)	5.24	0.40
Eureka 16% Dairy Feed (with urea)	5.24	0.40
Eureka Special 16% Dairy Feed	5.24	0.40
Eureka Special 16% Dairy Feed	5.24	0.40
BIG FOUR MILLS, COVINGTON, KENTUCKY Kentucky Hi-Lo 24% Dairy Feed	6.03	4.10
Kentucky Hi-Lo 24% Dairy Feed	6.03	4.60
O.K. 16% Dairy Feed	2.62	3.40
O.K. 16% Dairy Feed	2.62	3.20
O.K. 16% Dairy Feed	2.62	3.40
O.K. 16% Dairy Feed	2.62	3.80
O.K. 16% Dairy Feed	2.62	3.30
BUHNER AND COMPANY, LOUISVILLE, KENTUCKY Magnolia Sweet 16% Dairy Feed	4.00	4.70

For protein, fat and fiber analysis of the above samples see report of official feed samples analyzed in the pages that follow.

ANALYSIS OF NON-PROTEIN NITROGEN FROM UREA IN FEEDS (Cont'd)

Manufacturer, Brand and Remarks	Non-Protein Nitrogen	
	Guaranteed	Found
CADIZ MILLING COMPANY, CADIZ, KENTUCKY		
Sugar Sweet Dairy Feed	5.24	5.10
CANEYVILLE ROLLER MILLS, CANEYVILLE, KENTUCKY		
Sweet Mix 16% Dairy	5.50	5.00
Sweet Mix 16% Dairy	5.50	5.00
CLINTON MILLING COMPANY, CLINTON, KENTUCKY		
Sun-Ray 24% Dairy Feed	7.86	0.50
Sun-Ray 24% Dairy Feed	7.86	6.70
Clinco 16% Dairy Feed	5.24	0.30
COOPERATIVE MILLS, CINCINNATI, OHIO		
16% Utility Dairy	3.00	2.20
Beef Supplement	8.00	6.20
Beef Supplement	8.00	8.70
DEARBORN MILLS, AURORA, INDIANA		
Dearborn Sweet 24% Dairy Feed	6.60	6.20
Dearborn Sweet 20% Dairy	4.00	4.50
Dearborn Sweet 16% Dairy	6.00	5.60
Dearborn Sweet 16% Dairy	6.00	5.60
EARLY AND DANIEL COMPANY, CINCINNATI, OHIO		
Tuxedo Special 24% Dairy Feed	6.00	7.30
Tuxedo Special 24% Dairy Feed	6.00	8.20
Tuxedo Special 24% Dairy Feed	6.00	5.60
Eadan 24% Dairy Feed	6.00	8.90
Tuxedo Special 20% Dairy Feed	4.98	5.60
Tuxedo 16% Dairy	4.00	5.00
Tuxedo 16% Dairy	4.00	4.30
JOHN W. ESHELMAN AND SON, LANCASTER, PENNSYLVANIA		
Kentucky Challenge 24% Dairy Feed	7.86	5.50
FAMOUS FEED MILLS, NASHVILLE, TENNESSEE		
Golden Gain 24% Dairy Feed	6.00	6.40
Golden Gain 16% Dairy Feed	5.24	3.00
FERNCLIFF FEED AND GRAIN COMPANY, LOUISVILLE, KENTUCKY		
Ferncliff 24% Dairy Feed	7.86	6.60
Ferncliff 24% Dairy Feed	7.86	8.60
Ferncliff 24% Dairy Feed	7.86	7.30
Ferncliff 24% Dairy Feed	7.86	7.60
Ferncliff 24% Dairy Feed	7.86	8.10
HENRY FRUECHTENICHT, LOUISVILLE, KENTUCKY		
Blue Grass 24% Dairy Feed (with urea)	6.10	3.30
Blue Grass 24% Dairy Feed (with urea)	6.60	6.80
Producer 24% Dairy Feed	6.10	4.20
Producer 24% Dairy Feed	6.10	5.70

For protein, fat and fiber analysis of the above samples see report of official feed samples analyzed in the pages that follow.

ANALYSIS OF NON-PROTEIN NITROGEN FROM UREA IN FEEDS (Cont'd)

Manufacturer, Brand and Remarks	Non-Protein Nitrogen	
	Guaranteed	Found
HENRY FRUECHTENICHT, LOUISVILLE, KENTUCKY (Cont'd)		
Producer 24% Dairy Feed	6.10	3.80
Producer 24% Dairy Feed	6.10	3.60
Producer 24% Dairy Feed	6.10	4.90
Producer 24% Dairy Feed	6.10	4.10
Producer 16% Dairy	5.24	4.10
Producer 16% Dairy	5.24	4.80
Producer 16% Dairy	5.24	3.50
Producer 16% Dairy	5.24	3.00
Producer 16% Dairy	5.24	5.70
Producer 16% Dairy	5.24	4.00
Producer 16% Dairy	5.24	6.20
GARDEN STREET MILL AND ELEVATOR COMPANY, LOUISVILLE, KENTUCKY		
Garden 16% Dairy Feed	2.62	2.80
Garden 16% Dairy Feed	2.62	3.10
Garden 16% Dairy Feed	2.62	2.20
Garden 16% Dairy Feed	2.62	3.20
Garden 16% Dairy Feed	2.62	3.80
GWINN BROTHERS AND COMPANY, HUNTINGTON, WEST VIRGINIA		
Banner 24% Dairy Feed	7.86	7.70
HANCOCK AND FRANKLIN, LOUISVILLE, KENTUCKY		
Arrow 24% Dairy Feed	6.10	3.70
Arrow 16% Dairy Feed	5.24	3.90
Arrow 16% Dairy Feed	5.24	3.30
Arrow 16% Dairy Feed	5.24	3.50
Arrow 16% Dairy Feed	5.24	4.80
HAYDON MILL AND GRAIN COMPANY, SPRINGFIELD, KENTUCKY		
Magic Super Dairy Supplement	8.75	8.30
Magic 16% Sweet Dairy Feed	5.24	3.00
Magic 16% Sweet Dairy Feed	5.24	0.40
EDWIN C. HAWKINS, PADUCAH, KENTUCKY		
Record 34% Dairy Supplement	8.75	1.00
HOME MILLING COMPANY, GREENVILLE, KENTUCKY		
Happy Home 24% Dairy Feed	7.90	7.60
Happy Home 16% Sweet Dairy Feed	5.20	5.30
Happy Home 16% Sweet Dairy Feed	5.20	5.00
Happy Home 16% Sweet Dairy Feed	5.20	4.90
Happy Home 16% Sweet Dairy Feed	5.24	5.50
KASCO MILLS, TOLEDO, OHIO		
Kasco Mormilk Dairy Feed	8.00	6.20
KECO MILLING COMPANY, MCKENZIE, TENNESSEE		
Thrifty 16% Dairy Feed	5.24	5.20
Thrifty 16% Dairy Feed	5.24	6.30

For protein, fat and fiber analysis of the above samples see report of official feed samples analyzed in the pages that follow.

ANALYSIS OF NON-PROTEIN NITROGEN FROM UREA IN FEEDS (Cont'd)

Manufacturer, Brand and Remarks	Non-Protein Nitrogen	
	Guaranteed	Found
LEXINGTON ROLLER MILLS, LEXINGTON, KENTUCKY		
Thoroughbred 24% Sweet Dairy	5.25	5.80
Thoroughbred 24% Sweet Dairy	5.25	6.20
Thoroughbred 24% Sweet Dairy	5.25	5.50
Thoroughbred 24% Sweet Dairy	5.25	5.70
Thoroughbred 24% Sweet Dairy	5.25	6.20
Thoroughbred 24% Sweet Dairy	5.25	5.50
Thoroughbred 20% Sweet Dairy Feed	2.62	4.70
Thoroughbred 20% Sweet Dairy Feed	2.62	2.70
Sweet Sue 16% Sweet Dairy Feed	2.62	3.90
Sweet Sue 16% Sweet Dairy Feed	2.62	4.20
Sweet Sue 16% Sweet Dairy Feed	2.62	2.70
Sweet Sue 16% Sweet Dairy Feed	2.62	3.50
Sweet Sue 16% Sweet Dairy Feed	2.62	2.90
MOORMAN MANUFACTURING COMPANY, QUINCY, ILLINOIS		
Moorman 45% Protein and Mineral Steer Supplement	14.00	11.90
MYERS AND CLARK COMPANY, ASHLAND, KENTUCKY		
Special 24% Dairy Feed	6.03	4.90
Myers Special 24% Dairy Feed	6.03	4.90
Special 16% Dairy Feed	2.62	3.50
Special 16% Dairy Feed	2.62	2.20
OWENSBORO MILLING COMPANY, OWENSBORO, KENTUCKY		
Tru-Test 24% Dairy Feed	8.00	7.90
Sugar Lassie Dairy Feed	5.24	5.40
Sugar Lassie Dairy Feed	5.24	5.10
PAN AMERICAN MILLS, BOWLING GREEN, KENTUCKY		
Green Valley 20% Dairy Feed	2.18	4.70
Green Valley 20% Dairy Feed	2.18	5.60
Bell Ringer 16% Dairy Feed	3.79	5.30
PILLSBURY MILLS, INC., CLINTON, IOWA		
Pillsbury's Best 32% Dairy Concentrate	10.48	11.00
Pillsbury's Best 32% Dairy Concentrate	10.48	12.80
Pillsbury's Best Beef Cattle Concentrate	5.24	8.20
Pillsbury's Best 24% Dairy Feed	7.85	7.10
Pillsbury's Best 24% Dairy Feed	7.85	7.40
Pillsbury's Champion 24% Dairy Feed	5.24	8.30
Pillsbury's Champion 24% Dairy Feed	5.24	4.80
Pillsbury's Champion 24% Dairy Feed	5.24	5.30
Pillsbury's Champion 24% Dairy Feed	5.24	4.70
Pillsbury's Champion 24% Dairy Feed	5.24	6.50
Pillsbury's Champion 24% Dairy Feed	5.24	6.70
Pillsbury's Champion 24% Dairy Feed	7.85	8.10
Pillsbury's Champion 24% Dairy Feed	7.85	7.80
Pillsbury's Champion 24% Dairy Feed	7.85	4.90
Pillsbury's Champion 24% Dairy Feed	5.24	8.20
Pillsbury's Champion 24% Dairy Feed	5.24	5.10
Pillsbury's Champion 24% Dairy Feed	5.24	5.20

For protein, fat and fiber analysis of the above samples see report of official feed samples analyzed in the pages that follow.

ANALYSIS OF NON-PROTEIN NITROGEN FROM UREA IN FEEDS (Cont'd)

Manufacturer, Brand and Remarks	Non-Protein Nitrogen	
	Guaranteed	Found
PILLSBURY MILLS, INC., CLINTON, IOWA (Cont'd)		
Pillsbury's Champion 24% Dairy Feed	5.24	5.50
Pillsbury's Champion 24% Dairy Feed	5.24	8.10
Pillsbury's Champion 24% Dairy Feed	5.24	5.10
Pillsbury's Champion 24% Dairy Feed	5.24	8.80
Pillsbury's Best 20% Dairy Feed	6.55	4.80
Pillsbury's Best 20% Dairy Feed	6.55	5.50
Pillsbury's Best 20% Dairy Feed	6.55	5.10
Pillsbury's Champion 20% Dairy Feed	5.24	5.40
Pillsbury's Champion 20% Dairy Feed	5.24	5.30
Pillsbury's Champion 20% Dairy Feed	5.24	5.20
Pillsbury's Champion 20% Dairy Feed	5.24	5.60
Pillsbury's Champion 20% Dairy Feed	5.24	5.50
Pillsbury's Champion 20% Dairy Feed	5.24	4.90
Pillsbury's Champion 20% Dairy Feed	5.24	5.80
Pillsbury's Champion 20% Dairy Feed	5.24	5.60
Pillsbury's Champion 20% Dairy Feed	5.24	6.50
Pillsbury's Best 16% Dairy Feed	3.93	2.80
Pillsbury's Best 16% Dairy Feed	3.93	3.30
Pillsbury's Best 16% Dairy Feed	3.93	4.70
Pillsbury's Champion 16% Dairy Feed	3.93	1.70
Pillsbury's Champion 16% Dairy Feed	3.93	3.50
Pillsbury's Champion 16% Dairy Feed	3.93	2.80
Pillsbury's Champion 16% Dairy Feed	3.93	2.50
Pillsbury's Champion 16% Dairy Feed	3.93	1.80
Pillsbury's Champion 16% Dairy Feed	3.93	2.70
Pillsbury's Champion 16% Dairy Feed	3.93	2.40
Dutch Maid 16% Dairy Feed	4.00	2.40
Dutch Maid 16% Dairy Feed	4.00	3.80
Dutch Maid 16% Dairy Feed	4.00	4.50
Dutch Maid 16% Dairy Feed	4.00	4.60
Balco 16% Dairy Feed	3.93	3.60
Pillsbury's Champion 20% Cattle Cubes	5.24	6.80
PROVICO FEED AND CONCENTRATES, CINCINNATI, OHIO		
Provico Big V 24% Dairy Feed	4.66	8.00
RALSTON PURINA COMPANY, ST. LOUIS, MISSOURI		
Purina Cow Chow-32% Protein and Mineral Concentrate	8.75	2.80
Purina Cow Chow-32% Protein and Mineral Concentrate	8.75	8.30
Purina Range Checker A	5.50	5.80
Purina Range Checker A	5.50	7.70
Purina Steer Fatena	8.75	5.00
Purina Steer Fatena	8.75	7.00
ROBINSON MILLING COMPANY, SOMERSET, KENTUCKY		
Green Valley 24% Dairy Feed	8.00	6.80
Green Valley 24% Dairy Feed	8.00	7.70
Green Valley 16% Dairy Feed	3.60	4.60
Happy Home 16% Sweet Dairy Feed	5.20	6.10
Happy Home 16% Sweet Dairy Feed	5.20	6.90

For protein, fat and fiber analysis of the above samples see report of official feed samples analyzed in the pages that follow.

ANALYSIS OF NON-PROTEIN NITROGEN FROM UREA IN FEEDS (Cont'd)

Manufacturer, Brand and Remarks	Non-Protein Nitrogen	
	Guaranteed	Found
RUSSELL MILLER MILLING COMPANY, MINNEAPOLIS, MINNESOTA		
Occident Mor-Molass Sweet Feed	4.00	0.60
STALEY MILLING COMPANY, KANSAS CITY, MISSOURI		
Full Pail 18% Dairy Feed	6.00	5.30
Karmels "A" Meal for Cattle	11.64	9.80
STANDARD FEED MILLING COMPANY, ATLANTA, GEORGIA		
Super Quality 32% Dairy Concentrate	8.00	8.50
Kentucky Brand 16% Dairy Feed	4.00	4.30
SUPREME FEED MILLS, GLASGOW, KENTUCKY		
Premo 24% Dairy Feed	6.55	7.40
Supreme Special 24% Dairy Feed	7.30	6.80
Feeders Pride 16% Dairy Feed	5.24	4.40
SUN RAY FEED MILLS, BOWLING GREEN, KENTUCKY		
Sun-Ray 16% Dairy Feed	2.90	3.40
Sun-Ray 16% Dairy Feed	2.90	3.50
Green Valley 16% Dairy Feed	3.67	3.00
Green Valley 16% Dairy Feed	3.67	2.60
SUN RAY FEED MILLS, LEXINGTON, KENTUCKY		
Green Valley 24% Dairy Feed	7.60	7.50
Green Valley Special 24% Dairy Feed	8.40	7.10
Sugar Creek 24% Dairy Feed	3.67	7.70
Green Valley 16% Dairy Feed	3.67	3.70
Green Valley 16% Dairy Feed	3.67	3.50
Green Valley Special 16% Dairy Feed	5.24	3.60
Green Valley Special 16% Dairy Feed	5.24	5.70
SUNSHINE STORES, INC., FT. WAYNE, INDIANA		
Red Feather 20% Dairy Feed	6.66	5.70
SWEET FEED MILLS, BOWLING GREEN, KENTUCKY		
Freshgood 16% Dairy Feed	5.24	4.70
TRI-STATE MILLS, KENOVA, WEST VIRGINIA		
Daisy 24% Dairy Feed	8.00	7.50
Daisy 16% Dairy Feed	5.30	5.20
UBIKO MILLING COMPANY, CINCINNATI, OHIO		
Special Union Grains Life Guard 18% Dairy Feed	6.00	4.30
Sunbeam 16% Dairy Feed	4.00	3.20
WATKINS WHOLESALE GROCERY COMPANY, EAST BERNSTADT, KENTUCKY		
Butterfat 24% Dairy Feed	6.10	5.30
WINN MILLING COMPANY, GREENSBURG, KENTUCKY		
Daisy 20% Dairy Feed	6.60	0.60
Daisy 16% White Tag Dairy Feed	3.90	2.60
Daisy 16% Dairy Feed	3.90	0.70
J. W. ZARING GRAIN AND MILL COMPANY, RICHMOND, KENTUCKY		
Zaring's 24% Dairy Feed	6.00	0.30

REPORT OF OFFICIAL FEED SAMPLES ANALYZED

July, August and September, 1953

16

Samples failing to equal guaranty by more than one-half of one per cent, or that were adulterated with hulls, unground weed seeds, or refuse, have been made to stand out in the report by the use of underline, asterisks, and (where necessary) appropriate remarks.

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
H. T. ADAMS COMPANY, HARRODSBURG, KENTUCKY						
"Old Fort Brand" 15% Protein All Mash	15.0	16.7	2.5	3.3	6.0	3.9
"Old Fort Brand" 15% Protein All Mash	15.0	15.9	2.5	3.1	6.0	3.5
"Old Fort" Scratch Feed	9.0	9.5	3.0	2.9	5.0	2.2
ALBANY MILLS, ALBANY, KENTUCKY						
** Clinton 20% Dairy Feed	20.0	21.4	3.5	<u>2.9</u>	9.5	5.0**
ALLIED MILLS, INC., CHICAGO, ILLINOIS						
Wayne Starter and Grower (For chicks and ducklings)	18.0	19.5	2.5	4.0	7.0	4.9
Wayne Starter and Grower (For chicks and ducklings)	18.0	19.4	2.5	4.2	7.0	5.9
0.005%-3-Nitro-4-Hydroxyphenylarsonic Acid In Wayne Rocket Broiler Feed	20.0	21.9	3.5	4.0	4.0	3.3
Wayne All Mash Egg Mash	17.0	17.7	2.5	3.8	8.0	6.1
Wayne Universal Egg Mash (An all mash feed)	17.0	21.8	2.5	3.7	6.0	5.7
Wayne Egg Mash	20.0	21.4	3.0	3.1	8.0	5.1
Wayne Mash Layer	20.0	22.9	3.0	3.7	7.0	5.8
Wayne Fattening Pellets (For Chickens, Turkeys and Ducks)	18.0	19.1	3.0	3.8	6.0	3.7
Wayne H-A-D Krums For Poultry	20.0	22.2	3.5	3.8	4.0	3.1
Wayne 24% Dairy Feed	24.0	24.4	2.5	2.8	8.0	6.2
Wayne 16% Dairy Feed	16.0	18.2	2.5	4.0	13.0	10.5
Wayne 16% Dairy Feed	16.0	18.1	2.5	2.5	13.0	7.2
Sugarine Special 16% Dairy Feed	16.0	16.5	2.5	3.1	12.0	9.9
Sucrene 16% Dairy Feed	16.0	18.9	2.5	3.5	15.0	11.6
Wayne Fitting Ration	13.0	16.1	3.0	3.1	8.5	7.0
Wayne Horse Feed	9.0	10.6	2.5	2.9	12.0	7.6
Wayne Rabbit Ration	17.0	18.4	3.0	3.7	15.0	11.0
Wayne Cotton Belt Mixing Feed	15.0	17.6	3.0	4.4	10.0	6.7
ALLEN COUNTY MILLS, SCOTTSVILLE, KENTUCKY						
** Ground Wheat	10.0	12.7	1.5	2.3	3.0	<u>3.9</u> **
ANGLO SWEET FEED MILLS, OWENSBORO, KENTUCKY						
** "Ace Perfection Brand" 35% Protein Poultry and Turkey Mash Supplement	35.0	35.5	3.5	<u>2.9</u>	8.0	8.3 **
"Ace Perfection Brand" 20% Protein Poultry Mash	20.0	21.0	2.5	3.9	7.0	5.2
"Ace Perfection Brand" 35% Protein Dairy Supplement	35.0	36.7	2.5	3.7	10.0	8.0

**Samples failing to equal guaranty by more than one-half of one percent, or that were adulterated with hulls, unground weed seeds, or refuse.

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
ANGLO SWEET FEED MILLS, INC., OWENSBORO, KENTUCKY (Cont'd)						
"Ace Perfection Brand" 16% Protein Dairy Feed	16.0	18.7	2.5	3.6	10.0	9.5
"Ace Perfection Brand" 36% Protein Pig and Hog Supplement (for dry lot or pasture)	36.0	38.9	2.0	4.2	8.0	7.2
APEX MILLING COMPANY, TOLEDO, OHIO						
Apex 18% Protein Egg Mash	18.0	19.0	2.5	3.6	8.0	4.8
Apex Scratch Grains	9.0	10.7	2.0	1.8	4.0	2.7
White Tag 24% Dairy Feed	24.0	26.2	2.5	2.1	15.0	11.0
White Tag 24% Dairy Feed	24.0	26.9	2.5	2.7	15.0	8.3
White Tag 16% Dairy Feed	16.0	19.8	2.5	2.3	15.0	11.4
Apex Horse and Mule Feed	9.0	10.8	2.0	3.3	12.0	7.2
** Apex Hog Ration (Fattening) Contained mixed screenings	16.0	16.6	3.0	5.2	8.0	7.8**
ARCADY FARMS MILLING COMPANY, CHICAGO, ILLINOIS						
** Arcady 40% Protein Hog Supplement	40.0	39.3	2.5	3.9	7.0	4.6**
ARCHER-DANIELS-MIDLAND COMPANY, MINNEAPOLIS, MINNESOTA						
Archer Quality 36% Protein Solvent Extracted Linseed Oil Meal	36.0	37.3	.5	.9	10.0	8.6
AUBREY AND COMPANY, LOUISVILLE, KENTUCKY						
Red A 21% Protein Turkey Grower and Developer	21.0	26.0	3.5	3.2	8.0	5.7
Nitrophenide in Red "A" 20% Protein All Mash Starter and Grower	20.0	22.2	3.5	3.4	7.0	5.1
Red "A" 20% Protein All Mash Starter and Grower	20.0	21.6	3.5	3.6	7.0	7.0
Red "A" 20% Protein All Mash Starter and Grower	20.0	22.8	3.5	3.8	7.0	5.3
Arsanilic Acid and Nitrophenide in Red "A" H. E. 20% Broiler Ration	20.0	22.5	3.5	3.7	4.5	3.6
Red "A" 20% Laying Mash	20.0	23.1	3.0	3.6	8.0	5.9
Red "A" 20% Laying Mash	20.0	24.7	3.0	3.8	8.0	5.0
Red "A" 20% Laying Mash	20.0	21.7	3.0	3.2	8.0	5.7
Red "A" 14% Protein Poultry Fattening Mash	14.0	16.9	3.5	4.8	6.0	5.0
Red "A" Chick Feed	8.0	9.0	2.5	3.4	3.5	1.4
** Red "A" Poultry Scratch Feed Contained unground weed seeds	8.0	9.1	2.5	2.7	5.0	2.0**
Red "A" Poultry Scratch Feed	8.0	9.3	2.5	2.7	5.0	2.0
** Red "A" Poultry Scratch Feed Contained unground corn cockle seed	8.0	9.5	2.5	2.6	5.0	1.9**
** Red "A" Poultry Scratch Feed Contained unground corn cockle seed	8.0	9.2	2.5	2.5	5.0	2.0**
** Red "A" Poultry Scratch Feed Contained unground corn cockle seed	8.0	9.2	2.5	2.6	5.0	2.1**
** Red "A" Poultry Scratch Feed Contained unground corn cockle seed	8.0	9.4	2.5	2.7	5.0	2.0**
Red "A" 32% Protein Dairy Supplement	32.0	34.6	3.0	3.7	8.5	6.3

**Samples failing to equal guaranty by more than one-half of one percent, or that were adulterated with hulls, unground weed seeds, or refuse.

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
AUBREY AND COMPANY, LOUISVILLE, KENTUCKY (Cont'd)						
Red "A" 24% Protein Dairy Feed	24.0	30.1	3.0	3.8	10.0	6.8
Red "A" 24% Protein Dairy Feed	24.0	26.6	3.0	3.7	10.0	7.0
Red "A" 24% Protein Dairy Feed	24.0	25.0	3.0	3.8	10.0	6.6
Red "A" 24% Protein Dairy Feed	24.0	28.0	3.0	3.7	10.0	7.0
Red "A" 24% Protein Dairy Feed	24.0	24.3	3.0	4.1	10.0	6.9
Red "A" 24% Protein Dairy Feed	24.0	23.6	3.0	3.7	10.0	6.9
Red "A" 24% Protein Dairy Feed	24.0	24.7	3.0	4.0	10.0	6.8
Red "A" 24% Protein Dairy Feed	24.0	27.1	3.0	4.4	10.0	7.2
Red "A" 24% Protein Dairy Feed	24.0	26.7	3.0	3.7	10.0	7.3
"Supreme Brand" 24% Protein Dairy Feed	24.0	27.7	3.0	3.5	10.0	7.5
Red "A" 20% Protein Dairy Feed	20.0	24.1	3.0	5.0	10.0	7.3
Red "A" 20% Protein Dairy Feed	20.0	22.9	3.0	4.2	10.0	8.0
Red "A" 20% Protein Dairy Feed	20.0	24.8	3.0	4.7	10.0	7.6
Red "A" 18% Protein Dairy Feed	18.0	21.3	3.0	4.3	8.0	6.7
Red "A" 18% Protein Dairy Feed	18.0	22.2	3.0	3.7	8.0	7.0
Red "A" 18% Protein Dairy Feed	18.0	23.2	3.0	3.4	8.0	7.0
Red "A" 16-1/2% Protein Dairy Feed	16.5	22.4	3.0	3.3	10.0	7.3
Red "A" 16-1/2% Protein Dairy Feed	16.5	18.7	3.0	3.7	10.0	8.1
Red "A" 16-1/2% Protein Dairy Feed	16.5	19.3	3.0	3.2	10.0	9.3
Red "A" 16-1/2% Protein Dairy Feed	16.5	20.5	3.0	3.6	10.0	8.5
Red "A" 16-1/2% Protein Dairy Feed	16.5	21.0	3.0	3.6	10.0	7.2
Red "A" Horse Feed	10.0	12.0	3.0	2.8	10.0	8.8
Red "A" 18% Protein Sow and Pig Feed	18.0	19.5	3.0	3.2	6.0	6.4
Red "A" 18% Protein Sow and Pig Feed	18.0	19.5	3.0	3.1	6.0	2.0
Red "A" Hog Fattener	14.0	16.6	3.0	3.6	8.0	7.4
Hominy Meal	10.0	10.1	5.0	6.2	6.0	3.9
Hominy Meal	10.0	10.8	5.0	5.8	6.0	4.3
Red "A" Wheat Gray Shorts & Screenings	15.0	17.3	3.5	4.0	6.0	6.0
** Red "A" Wheat Gray Shorts & Screenings	15.0	17.9	3.5	4.2	6.0	6.8 **
Red "A" Wheat Gray Shorts & Screenings	15.0	17.2	3.5	4.3	6.0	6.4
Red "A" Wheat Gray Shorts & Screenings	15.0	17.9	3.5	4.4	6.0	6.4
** Red "A" Wheat Gray Shorts & Screenings	15.0	16.5	3.5	4.6	6.0	6.6 **
24% Protein Corn Distillers Dried Grains	24.0	28.9	8.0	9.4	16.5	12.6
24% Protein Corn Distillers Dried Grains	24.0	29.6	8.0	8.9	16.5	12.5
Aubrey's 44% Protein Solvent Soybean Oil Meal	44.0	47.4	.5	.7	7.0	6.0
Aubrey's 44% Protein Solvent Soybean Oil Meal	44.0	46.6	.5	.5	7.0	6.7
Aubrey's 44% Protein Solvent Soybean Oil Meal	44.0	48.0	.5	.4	7.0	5.4
41% Protein Solvent Extracted Cottonseed Meal	41.0	41.2	1.0	2.7	13.0	11.1
Oat Hull Feed and Molasses	3.0	3.6	1.0	1.0	24.5	23.4
AUBURN MILLS, AUBURN, KENTUCKY						
Leader Brand Hen Scratch Feed	9.0	9.0	3.0	3.4	2.5	2.0
AVISTON MILLING COMPANY, ST. LOUIS, MISSOURI						
Sugar Creek Wheat Gray Shorts and Screenings	15.0	15.4	3.5	3.4	6.0	5.4

**Samples failing to equal guaranty by more than one-half of one percent, or that were adulterated with hulls, unground weed seeds, or refuse.

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
BAGDAD ROLLER MILLS, BAGDAD, KENTUCKY						
Harrison's Nat-Ur-Way Brand 18% Protein Starter and Grower Mash	18.0	19.9	3.5	3.8	7.0	6.1
Harrison's Nat-Ur-Way Brand 20% Protein Laying Mash	20.0	21.7	3.5	5.7	7.5	6.8
Harrison's Nat-Ur-Way Brand 20% Protein Dairy Feed	24.0	25.3	2.5	3.3	12.0	8.5
Harrison's Nat-Ur-Way Brand 24% Protein Dairy Feed	24.0	25.7	2.5	2.6	12.0	9.1
Harrison's Nat-Ur-Way Brand 18% Dairy Feed	18.0	22.1	3.5	3.8	12.0	5.5
Hominy Meal	9.0	9.8	6.0	7.6	8.0	6.1
Hominy Meal	9.0	10.3	6.0	8.2	8.0	5.9
BARDSTOWN MILLS, BARDSTOWN, KENTUCKY						
"Blue Ribbon" 20% Protein Laying Mash	20.0	22.0	2.5	4.2	8.0	7.0
"Blue Ribbon" 18% Protein Pig and Sow Ration	18.0	23.4	3.0	5.0	6.0	6.1
"Blue Ribbon" 18% Protein Pig and Sow Ration	18.0	21.7	3.0	4.7	6.0	5.3
BAUGHMAN MILLING COMPANY, STANFORD, KENTUCKY						
** "Banner Brand" 24% Protein Dairy Feed	24.0	24.9	4.0	<u>2.8</u>	10.0	6.7 **
Contained unground weed seeds						
** "Banner Brand" 24% Protein Dairy Feed	24.0	23.5	4.0	4.3	10.0	5.6 **
Contained Oat Hull Feed						
** "Banner Brand" 16% Protein Dairy Feed	16.0	<u>15.1</u>	3.0	3.6	10.0	5.3 **
** "Banner Brand" Mixed Feed	11.0	<u>12.9</u>	3.5	3.1	11.0	7.4 **
Contained mixed screenings						
BEAVER DAM MILLING COMPANY, BEAVER DAM, KENTUCKY						
Eureka 20% Laying Mash	20.0	19.8	3.0	3.9	6.5	5.5
Eureka 20% Laying Mash	20.0	19.8	3.0	4.3	6.5	5.0
Snow Drift 19% Protein Laying Mash	19.0	19.5	3.0	3.9	7.5	4.7
Eureka Scratch Feed	8.0	10.1	2.5	2.2	3.0	1.8
** Eureka 16% Dairy Feed (with urea)	16.0	18.0	3.0	2.7	10.0	9.0 **
Contained Oat Hull Feed						
** Eureka 16% Dairy Feed (with urea)	16.0	17.9	3.0	<u>1.7</u>	15.0	9.7 **
** Eureka 16% Dairy Feed (with urea)	16.0	17.4	3.0	<u>3.3</u>	10.0	<u>10.7</u> **
Eureka Special 16% Dairy Feed	16.0	17.6	3.0	2.9	10.0	<u>5.2</u>
** Eureka Special 16% Dairy Feed	16.0	16.8	3.0	<u>1.9</u>	10.0	5.4 **
** Sweet Miss. 16% Dairy Feed	16.0	19.2	2.5	<u>2.9</u>	15.0	10.8 **
Contained crushed corn cob						
** Eureka 90% Grain Horse and Mule Feed	9.0	9.6	2.0	4.5	15.0	7.9 **
Contained unground cheat seed						
Eureka 40% Protein Hog Supplement	40.0	40.5	3.5	5.4	6.0	6.0
BENSON VALLEY MILLING COMPANY, FRANKFORT, KENTUCKY						
16-1/2% Protein Dairy Feed	16.5	17.9	3.0	3.9	10.0	9.1

**Samples failing to equal guaranty by more than one-half of one percent, or that were adulterated with hulls, unground weed seeds, or refuse.

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
BI-COUNTY FARM BUREAU COOPERATIVE ASSOCIATION, ERLANGER, KENTUCKY						
Co-op Mermash Brand 17% All Purpose Mash	17.0	18.9	3.5	4.2	7.0	5.9
BIG FOUR MILLS, COVINGTON, KENTUCKY						
Big Four 20% Protein Laying Mash	20.0	21.9	3.0	3.3	7.0	6.0
Big Four Scratch Feed	9.0	8.9	2.5	2.8	3.5	1.9
Big Four Scratch Feed	9.0	9.2	2.5	3.6	3.5	2.0
Big Four Scratch Feed	9.0	9.6	2.5	3.5	3.5	2.0
Big Four Scratch Feed	9.0	9.0	2.5	3.2	3.5	1.9
Big Four 24% Dairy Feed	24.0	28.9	3.0	3.2	12.0	9.7
Kentucky Hi-Lo 24% Dairy Feed	24.0	27.2	2.5	2.8	12.0	10.0
Kentucky Hi-Lo 24% Dairy Feed	24.0	24.5	2.5	3.0	12.0	10.3
"O.K. Brand" 16% Protein Dairy Feed	16.0	17.5	2.5	3.5	15.0	12.9
** "O.K. Brand" 16% Protein Dairy Feed Contained unground weed seeds	16.0	16.8	2.5	4.1	15.0	13.0 **
** "O.K. Brand" 16% Protein Dairy Feed Contained unground weed seeds	16.0	17.8	2.5	4.2	15.0	12.2 **
"O.K. Brand" 16% Protein Dairy Feed	16.0	18.0	2.5	2.1	15.0	13.0
** "O.K. Brand" 16% Protein Dairy Feed Contained unground weed seeds	16.0	19.4	2.5	3.8	15.0	12.1 **
Big Four 20% Protein Hog Feed	20.0	23.6	3.0	3.4	8.0	5.5
Big Four 20% Protein Hog Feed	20.0	22.0	3.0	3.3	8.0	5.7
BILL AND GUY MILLING COMPANY, FAUBUSH, KENTUCKY						
Scratch Feed	9.0	9.8	3.0	2.9	3.0	1.8
THE BLAIR MILLING COMPANY, ATCHISON, KANSAS						
Wheat Bran with Screenings	14.5	17.5	3.7	3.4	10.0	8.4
BLUE BIRD FEED MILL, SOMERSET, KENTUCKY						
** "Blue Bird Brand" 20% Protein Laying Mash	20.0	21.7	3.5	3.8	7.0	5.8 **
Contained corn cob and unground weed seeds						
BROWDER MILLING COMPANY, FULTON, KENTUCKY						
Browder Special Brand Laying Mash	18.0	19.1	2.5	3.3	8.0	5.2
"Lucky Strike" 24% Dairy Feed	24.0	25.3	3.0	2.7	11.0	9.5
Browders Pig and Sow Feed	16.5	17.1	3.0	4.7	6.0	5.1
Economy Brand Hog Feed	18.0	19.8	2.5	4.2	8.0	5.6
BROWN-FORMAN DISTILLERS CORPORATION, LOUISVILLE, KENTUCKY						
** "Brown-Foreman Super Sol-Brand" Corn Distillers Dried Solubles	24.0	29.4	8.0	7.0	4.0	6.2 **
"Brown-Foreman Super Sol-Brand" Corn Distillers Dried Solubles	24.0	29.5	8.0	8.0	4.0	4.2
BUCKEYE COTTON OIL COMPANY, CINCINNATI, OHIO						
Buckeye 44% Protein Solvent Extracted Soybean Oil Meal	44.0	45.6	.5	.9	7.0	6.4
Buckeye 44% Protein Solvent Extracted Soybean Oil Meal	44.0	48.0	.5	.7	7.0	5.2

**Samples failing to equal guaranty by more than one-half of one percent, or that were adulterated with hulls, unground weed seeds, or refuse.

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
BUHNER AND COMPANY, LOUISVILLE, KENTUCKY						
Sulfaquinoxaline in Happy Farmer 18% Starter and Grower	18.0	19.0	2.5	4.4	7.0	5.3
Sulfaquinoxaline in Happy Farmer 18% Starter and Grower	18.0	19.2	2.5	4.0	7.0	6.0
Happy Farmer 20% Protein Laying Mash	20.0	21.3	2.5	4.2	8.0	6.7
Happy Farmer 20% Protein Laying Mash	20.0	21.5	2.5	3.7	8.0	7.0
Farm Joy 20% Protein Laying Mash	20.0	20.3	2.5	4.1	8.0	7.1
Farm Joy 20% Protein Laying Mash	20.0	21.0	2.5	4.0	8.0	7.1
"Buhner's Happy Farmer Brand" Scratch Feed	9.0	9.0	3.0	3.1	5.0	1.6
Happy Farmer 16% Dairy Feed	16.0	18.0	2.5	4.2	8.0	7.3
Happy Farmer 16% Dairy Feed	16.0	18.2	2.5	3.7	8.0	7.5
Magnolia Sweet 16% Dairy Feed	16.0	18.4	2.5	4.1	15.0	12.0
Buhner's 44% Protein Soybean Oil Meal	44.0	47.2	.5	.6	8.0	6.4
BUNDY BROTHERS MILL COMPANY, MEDORA, INDIANA						
** Bundy Scratch Feed Contained unground weed seeds	9.0	9.0	3.0	2.7	3.0	2.0 **
** Bundy Scratch Feed Contained unground cheat seed	9.0	9.5	3.0	3.1	3.0	2.0 **
** Medora Intermediate Scratch Feed Contained unground cheat seed	9.0	10.3	2.5	3.0	3.5	1.6 **
Medora 19% Protein Pig and Sow Feed	19.0	20.3	4.0	4.5	6.0	6.5
Wheat Mixed Feed and Screenings	15.0	14.5	3.5	4.0	8.0	7.2
** Hominy Feed	10.0	10.2	7.0	6.0	5.5	3.9 **
Hominy Feed	10.0	10.0	7.0	8.0	5.5	4.2
BURGIN ROLLER MILLS, BURGIN, KENTUCKY						
Ground Wheat with Screenings	11.0	12.8	2.0	2.0	3.0	2.7
BUTTS MILLING COMPANY, FULTON, KENTUCKY						
"Butts Special Brand" 16% Protein Dairy Feed	16.0	20.4	2.5	2.2	15.0	12.2
"Butts Special Brand" 16% Protein Dairy Feed	16.0	18.1	2.5	2.5	15.0	10.8
** "Butts Pig and Sow Meal" Very much below guarantee in protein. Contained Oat Mill Feed	20.0	16.6	3.5	3.3	6.0	7.6 **
CADIZ MILLING COMPANY, CADIZ, KENTUCKY						
** Sunbeam 17% Growing Mash	17.0	17.4	3.5	3.3	6.0	7.4 **
Sunbeam 17% Growing Mash	17.0	18.3	3.5	4.2	6.0	6.2
** Sunbeam 24% Dairy Feed	24.0	22.6	3.5	2.5	12.0	7.7 **
Sugar Sweet Dairy Feed	16.0	16.6	3.0	3.6	10.0	8.2
Sunbeam 14% Hog Fattner	14.0	15.9	3.5	3.8	7.0	7.2
Hominy Feed	10.0	10.5	5.5	6.2	5.5	7.2 **
CANEYVILLE ROLLER MILL, CANEYVILLE, KENTUCKY						
"Ky-Farm" 17% Protein Starter and Grower Mash	17.0	18.7	3.0	3.3	7.0	4.6

**Samples failing to equal guaranty by more than one-half of one percent, or that were adulterated with hulls, unground weed seeds, or refuse.

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
CANEYVILLE ROLLER MILL, CANEYVILLE, KENTUCKY (Cont'd)						
Kentucky Farm Scratch Feed	9.0	9.8	2.0	2.4	7.0	2.5
Kentucky Farm Brand 16% Dairy Feed	16.0	19.3	3.0	4.2	15.0	7.2
** Sweet Mix 16% Protein Dairy Feed	16.0	18.1	2.5	2.2	15.0	6.8 **
Contained unground weed seeds						
Sweet Mix 16% Protein Dairy Feed	16.0	18.6	2.5	2.3	15.0	9.9
C. W. CONN, CLARKSON, KENTUCKY						
Conn 20% Laying Mash	20.0	20.4	3.0	5.0	8.0	7.0
CALLOWAY COUNTY SOIL IMPROVEMENT ASSOCIATION, MURRAY, KENTUCKY						
"Co-op" Crushed Corn Cob and Shuck	7.0	8.6	3.0	3.2	11.0	6.8
CENTRAL SOYA COMPANY, FORT WAYNE, INDIANA						
"Central Star Brand" 44% Protein Solvent Soybean Oil Meal	44.0	46.9	.5	1.3	7.0	6.0
Central Sweet Solvent Extracted Soybean Oil Meal with 3% Molasses	44.0	44.6	.4	1.2	7.0	6.7
CHESTNUT AND ANDERSON FEED MILL COMPANY, HOPKINSVILLE, KENTUCKY						
** Little River 40% Hog Supplement	40.0	42.4	4.0	6.8	5.0	3.4 **
Excess salt						
Little River 40% Hog Supplement	40.0	42.0	4.0	4.1	5.0	3.4
Little River 40% Hog Supplement	40.0	40.3	4.0	6.4	5.0	3.6
CHRISTOPHER FARMERS SUPPLY, IRVINE, KENTUCKY						
Standard Hog Fattener	14.0	15.7	2.5	4.9	8.0	4.0
CINCINNATI GRAIN AND HAY COMPANY, CINCINNATI, OHIO						
"No Better Brand" 16% Protein Sweet Dairy Feed	16.0	15.5	3.0	3.7	11.0	8.0
** Wheat Brown Middlings	16.0	13.7	4.0	3.0	7.5	3.0 **
Very much below guarantee in protein						
Brewers Dried Grain with Blackstrap Molasses	22.0	22.8	5.0	5.5	14.0	12.2
CLELL COLEMAN AND SONS, BURGIN, KENTUCKY						
** Big Blue Stock Feed	16.5	15.8	3.5	4.4	6.5	5.6 **
Coleman's Favorite Feed	15.0	17.0	3.5	4.3	8.5	6.5
Coleman's Favorite Feed	15.0	16.7	3.5	3.7	8.5	6.1
Coleman's Pig and Hog Feed	16.5	18.2	3.5	4.2	6.0	5.3
Coleman's Pig and Hog Feed	16.5	16.8	3.5	4.1	6.0	5.9
** Coleman's Pig and Hog Feed	16.5	15.9	3.5	4.3	6.0	4.9 **
B. R. M. Hog Feed	13.0	15.8	3.5	4.2	6.5	5.6
CLIFTY FALLS MILLS, MADISON, INDIANA						
Clifty Falls 17% Protein Starter and Grower	17.0	21.1	3.0	5.3	7.0	5.1
Clifty Falls 20% Protein Egg Mash	20.0	21.3	3.0	4.7	7.0	6.2
Clifty Falls 24% Protein Cow Feed	24.0	28.4	2.5	2.6	10.0	6.4

**Samples failing to equal guaranty by more than one-half of one percent, or that were adulterated with hulls, unground weed seeds, or refuse.

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
CLIFTY FALLS MILLS, MADISON, INDIANA (Cont'd)						
Green Pasture 16% Protein Dairy Feed	16.0	20.4	2.5	2.9	10.0	8.5
Green Pasture 16% Protein Dairy Feed	16.0	20.5	2.5	3.0	10.0	8.0
Green Pasture 16% Protein Dairy Feed	16.0	20.5	2.5	3.1	10.0	7.7
Green Pasture 16% Protein Dairy Feed	16.0	20.6	2.5	2.7	10.0	7.5
Green Pasture 16% Protein Dairy Feed	16.0	20.4	2.5	3.2	10.0	9.8
** Clifty Falls 14% Protein Stock Feed	14.0	15.4	3.0	2.4	15.0	7.7 **
Clifty Falls Horse and Mule Feed	10.0	9.8	2.5	4.1	10.0	3.3
Clifty Falls 18% Pig and Sow Feed	18.0	20.8	3.0	4.6	6.0	6.0
Clifty Falls Cracked Corn	9.0	9.0	3.0	4.5	3.5	2.1
Crushed Ear Corn and Molasses	7.0	8.5	2.5	3.1	10.0	6.7
CLINTON HATCHERY, CLINTON, KENTUCKY						
"New Deal Brand" 18% Protein Starter and Grower Mash	18.0	19.5	4.0	4.9	6.0	6.1
"New Deal Brand" 19% Protein Egg Mash	19.0	19.9	3.7	4.5	8.0	6.4
"New Deal Brand" 17% Protein Cow Feed	17.0	17.8	3.5	3.6	10.0	8.1
"New Deal Brand" 42% Protein Hog Supplement	42.0	44.6	4.0	5.2	6.0	5.8
CLINTON MILLING COMPANY, CLINTON, KENTUCKY						
** Sun Ray 24% Protein Dairy Feed	24.0	<u>21.9</u>	3.0	4.4	8.0	7.2 **
Very much below guaranty in protein						
Sun Ray 24% Protein Dairy Feed	24.0	24.9	3.0	3.4	8.0	8.3
Climco 16% Dairy Feed	16.0	18.0	3.0	3.5	13.0	8.1
Climco 16% Dairy Feed	16.0	17.7	3.0	3.1	13.0	7.4
Sun Ray Horse and Mule Feed	9.0	10.0	3.5	3.3	7.0	4.4
Climco Special Mixed Feed	9.0	11.9	2.0	2.2	15.0	8.5
Wheat Gray Shorts with Screenings	15.0	15.8	3.5	3.5	8.0	5.5
COMMUNITY MILLING COMPANY, IRVINGTON, KENTUCKY						
** "Our Pride" 32% Dairy Supplement	32.0	36.1	3.0	2.0	9.0	5.9 **
** "Our Pride" 20% Dairy Feed	20.0	<u>18.5</u>	3.0	<u>2.3</u>	15.0	13.1 **
** "Our Pride" 16% Dairy Feed	16.0	<u>15.9</u>	3.0	<u>1.9</u>	15.0	12.6 **
"Our Pride" Horse and Mule Feed	9.0	10.1	3.0	<u>2.8</u>	8.0	3.1
"Our Pride" Cracked Corn	8.0	9.3	3.5	3.4	3.0	1.7
COMMUNITY MILLS, BELTON, KENTUCKY						
Johnson's Growing Mash	17.0	16.7	2.5	3.2	8.0	4.1
Crushed Corn, Cob and Shuck	7.5	8.3	3.0	3.4	8.0	6.4
COOPERATIVE MILLS, INC., CINCINNATI, OHIO						
Turkey Growing Mash	20.0	23.0	3.0	3.3	8.0	5.6
Turkey Growing Mash	20.0	22.1	3.0	3.6	8.0	5.2
Starting and Growing Mash	20.0	21.6	3.0	3.6	7.0	4.7
Growing Mash	17.5	19.5	3.0	3.8	8.0	5.3
Growing Mash	17.5	19.3	3.0	4.0	8.0	5.5
Growing Mash	17.5	19.2	3.0	4.2	8.0	5.8
Broiler Maker	22.0	22.9	3.0	3.9	5.0	4.2
Broiler Maker	22.0	23.9	3.0	4.0	5.0	4.6
Broiler Maker Finisher	17.0	18.8	3.0	3.8	5.0	4.0

**Samples failing to equal guaranty by more than one-half of one percent, or that were adulterated with hulls, unground weed seeds, or refuse.

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
COOPERATIVE MILLS, INC., CINCINNATI, OHIO (Cont'd)						
Egg Maker	20.0	20.7	3.0	3.7	8.0	5.8
Egg Maker	20.0	20.9	3.0	3.6	8.0	6.3
Egg Maker	20.0	20.5	3.0	3.3	8.0	5.3
Egg Maker	20.0	20.5	3.0	3.6	8.0	6.1
Super Laying Mash	20.0	20.8	3.0	3.6	8.0	5.4
Super Laying Mash	20.0	22.7	3.0	2.8	8.0	6.2
Super Laying Mash	20.0	22.4	3.0	3.6	8.0	5.7
Super Laying Mash	20.0	21.3	3.0	3.6	8.0	5.2
Milk Maker Brand 32% Dairy Supplement	32.0	33.4	3.0	5.1	10.0	8.0
Milk Maker Brand 32% Dairy Supplement	32.0	34.2	3.0	4.7	10.0	7.8
Milk Maker Brand 24% Dairy Feed	24.0	26.0	3.5	3.9	10.0	7.5
Milk Maker Brand 24% Dairy Feed	24.0	26.4	3.5	3.9	10.0	7.8
Milk Maker Brand 24% Dairy Feed	24.0	26.5	3.5	4.3	10.0	8.3
Milk Maker Brand 24% Dairy Feed	24.0	26.8	3.5	4.9	10.0	7.4
Milk Maker Brand 24% Dairy Feed	24.0	26.5	3.5	4.2	10.0	7.3
Milk Maker Brand 20% Dairy Feed	20.0	23.0	3.5	4.4	10.0	8.5
Milk Maker Brand 20% Dairy Feed	20.0	22.4	3.5	4.3	10.0	8.3
Milk Maker Brand 20% Dairy Feed	29.0	23.1	3.5	4.6	10.0	8.0
Milk Maker Brand 20% Dairy Feed	20.0	22.1	3.5	4.4	10.0	8.8
Milk Maker Brand 20% Dairy Feed	20.0	23.0	3.5	4.4	10.0	8.2
Milk Maker Brand 20% Dairy Feed	20.0	22.9	3.5	4.2	10.0	8.2
20% Dairy Feed	20.0	25.9	3.0	4.2	12.0	8.9
20% Drought Emergency Dairy	20.0	22.5	3.0	4.0	10.0	7.7
20% Drought Emergency Dairy	20.0	22.8	3.0	3.6	10.0	8.1
Milk Maker Brand 16% Dairy Feed	16.0	20.1	3.5	3.4	10.0	8.3
16% Utility Dairy	16.0	18.1	3.0	3.2	15.0	13.2
16% Dari-Flo	16.0	18.5	3.5	4.2	10.0	8.0
16% Dari-Flo	16.0	17.7	3.5	4.2	10.0	7.4
16% Dari-Flo	16.0	18.0	3.5	3.9	10.0	7.7
16% Dari-Flo	16.0	17.8	3.5	3.8	10.0	7.2
16% Pasture Dairy	16.0	20.0	3.0	4.1	11.0	10.0
16% Pasture Dairy	16.0	20.6	3.0	4.6	11.0	9.5
16% Pasture Dairy	16.0	20.5	3.0	4.0	11.0	9.1
16% Pasture Dairy	16.0	19.9	3.0	3.9	11.0	9.4
Fitting Feed	13.0	15.7	3.5	4.5	10.0	7.2
18% Protein Calf Starter	18.0	18.9	4.0	3.9	8.0	7.2
Sweet Stock Feed	9.0	12.5	2.5	3.3	9.0	5.5
Sweet Stock Feed	9.0	11.9	2.5	3.4	9.0	5.5
Sweet Stock Feed	9.0	12.3	2.5	3.6	9.0	6.0
20% Pig and Sow Feed (Hogs not on pasture)	20.0	21.4	3.5	3.3	6.0	5.1
20% Pig and Sow Feed (Hogs not on pasture)	20.0	22.0	3.5	4.2	6.0	5.4
15% Pork Maker	15.0	18.0	3.5	4.3	8.0	5.4
15% Pork Maker	15.0	16.6	3.5	4.4	8.0	4.7
15% Pork Maker	15.0	14.8	3.5	4.2	8.0	4.5
15% Pork Maker	15.0	16.0	3.5	4.2	8.0	4.5
Rabbit Maker	18.0	19.8	2.5	3.9	10.0	7.1
24% Protein Dog Feed	24.0	28.1	4.0	6.2	5.0	3.4
Hominy Feed	9.0	10.9	5.0	6.6	6.0	4.8
Hominy Feed	9.0	11.0	5.0	6.0	6.0	5.1

**Samples failing to equal guaranty by more than one-half of one percent, or that were adulterated with hulls, unground weed seeds, or refuse.

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
COOPERATIVE MILLS, INC., CINCINNATI, OHIO (Cont'd)						
Screened Intermediate Cracked Corn	8.0	8.4	2.0	3.7	2.5	1.6
Wheat Standard Middlings with Wheat Screenings	15.0	16.6	3.0	3.6	9.5	7.8
Wheat Standard Middlings with Wheat Screenings	15.0	16.6	3.0	4.0	9.5	6.9
Wheat Bran with Ground Wheat Screenings	14.0	17.2	3.0	4.1	13.0	8.3
41% Protein Soybean Oil Meal	41.0	43.9	3.5	5.1	7.0	5.6
** 41% Protein Cottonseed Meal	41.0	42.5	5.0	4.3	13.0	11.1 **
CRESCENT ROLLER MILLS, TAYLORSVILLE, KENTUCKY						
Special Mix 16% Dairy Feed	16.0	18.4	3.0	2.6	10.0	5.0
** Crescent Stock Feed	14.0	13.2	3.0	3.7	6.0	3.4 **
Crescent Stock Feed	14.0	13.9	3.0	4.2	6.0	4.2
"Crescent" 95% Grain Horse and Mule Feed	9.0	9.0	3.0	3.0	12.0	3.5
CUSTOM FEED MILLS, MORGANFIELD, KENTUCKY						
"Custom Maid" 34% Protein Chick Concentrate	34.0	35.1	3.0	5.0	7.0	6.0
"Custom Maid" 18% Growing Mash	18.0	19.7	3.5	4.1	7.0	4.9
DEARBORN MILLS, AURORA, INDIANA						
Dearborn 18-1/2% Protein All Mash Starter and Grower	18.5	19.4	3.5	4.0	5.5	5.5
Dearborn 20% Starter and Grower	20.0	20.0	3.0	4.6	7.0	6.1
"Success Brand" 20% Laying Mash	20.0	22.1	3.0	4.1	8.0	7.4
Dearborn Sweet 24% Dairy Feed	24.0	25.6	2.5	4.2	12.5	7.9
Dearborn Sweet 20% Dairy Feed	20.0	23.0	2.5	2.7	12.5	9.3
Dearborn Sweet 16% Dairy Feed	16.0	18.1	2.5	4.3	15.0	9.1
Dearborn Sweet 16% Dairy Feed	16.0	18.4	2.5	2.7	15.0	13.0
** Dearborn Sweet 16% Dairy Feed Contained Oat Hull Feed	16.0	17.1	2.5	2.2	15.0	13.7 **
Dearborn Horse and Mule Feed	9.0	10.7	2.5	2.4	12.5	7.1
Dearborn Horse and Mule Feed	9.0	10.8	2.5	2.7	12.5	7.0
Dearborn Wheat Bran and Screenings	14.5	15.5	3.7	3.6	10.0	9.7
DECATUR SOY PRODUCTS COMPANY, DECATUR, ILLINOIS						
"Illini Brand" 41% Protein Soybean Oil Meal	41.0	42.8	4.0	5.2	7.0	5.9
DWINE AND HANNA, YELLOW SPRINGS, OHIO						
Steel Cut Cracked Corn	8.0	9.4	3.7	3.6	3.0	1.7
W. C. DICKEN, MENTOR, KENTUCKY						
Nitrofurazone in Sunny Grain Growing Mash	17.0	20.1	3.0	4.0	8.0	6.4
"Sunny Grain Brand" 20% Protein Laying Mash	20.0	22.9	3.0	3.8	7.0	5.7

**Samples failing to equal guaranty by more than one-half of one percent, or that were adulterated with hulls, unground weed seeds, or refuse.

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
DIXIE MILLS COMPANY, EAST ST. LOUIS, ILLINOIS						
Dixie Laying Mash	20.0	22.4	3.0	4.1	6.5	5.0
Dixie 24% Dairy Feed	24.0	25.3	2.5	3.1	12.0	8.1
THE EARLY AND DANIEL COMPANY, CINCINNATI, OHIO						
Tuxedo Turkey Starting Mash	24.0	24.6	3.0	4.4	7.0	4.2
Tuxedo Turkey Growing and Developing Mash	20.0	20.6	3.0	4.3	7.0	6.0
Tuxedo Turkey Growing and Developing Mash	20.0	20.7	3.0	4.8	7.0	5.1
Nitrofurazone in Tuxedo Starter, Grower and Developer Mash	17.0	17.8	3.0	4.9	7.0	5.0
Tuxedo Growing and Developing Mash	20.0	22.3	3.0	5.6	7.0	5.4
Tuxedo Breeder Mash	20.0	21.5	3.0	5.5	7.5	6.0
Tuxedo Special Egg Mash	20.0	21.7	3.0	4.3	8.0	7.8
Tuxedo Chick Grains	9.0	9.0	2.5	2.3	3.5	1.3
Tuxedo Special Egg Mash	20.0	22.2	3.0	4.8	8.0	7.6
Tuxedo Chick Scratch Feed	9.0	9.9	2.0	2.7	3.5	1.5
** Tuxedo Scratch Feed	9.0	9.9	2.5	2.6	4.0	3.0 **
Contained unground weed seeds						
Tuxedo Scratch Feed	9.0	9.8	2.5	2.5	4.0	3.1
Tuxedo Scratch Feed	9.0	10.2	2.5	3.1	4.0	3.6
Tuxedo 24% Dairy Feed	24.0	25.6	3.0	3.4	9.0	8.4
Tuxedo 24% Dairy Feed	24.0	25.6	3.0	3.3	9.0	7.2
Tuxedo Special 24% Dairy Feed	24.0	26.5	3.0	3.7	12.0	10.1
Tuxedo Special 24% Dairy Feed	24.0	29.7	3.0	3.1	12.0	8.8
** Tuxedo Special 24% Dairy Feed	24.0	23.4	3.0	2.8	12.0	10.1 **
Eadan 24% Dairy Feed	24.0	28.5	3.0	3.7	12.0	11.6
Tuxedo 20% Dairy Feed	20.0	21.9	3.0	4.0	9.5	8.4
Tuxedo 20% Dairy Feed	20.0	21.8	3.0	3.4	9.5	8.3
Tuxedo 20% Dairy Feed	20.0	22.0	3.0	3.4	9.5	8.1
Tuxedo 20% Dairy Feed	20.0	22.0	3.0	3.7	9.5	8.5
Tuxedo Special 20% Dairy Feed	20.0	22.1	3.0	3.1	12.0	10.8
Tuxedo 18% Dairy Feed	18.0	19.8	3.0	4.5	10.0	9.0
Tuxedo 18% Dairy Feed	18.0	21.2	3.0	4.4	10.0	8.2
Tuxedo 16% Dairy Feed	16.0	18.1	3.0	3.7	15.0	13.3
Tuxedo 16% Dairy Feed	16.0	19.2	3.0	3.5	15.0	13.2
Tuxedo 16% Dairy Feed	16.0	18.8	3.0	3.1	15.0	13.0
Eadan Pork Maker	14.0	16.7	3.0	4.5	8.0	7.4
Tuxedo Bulky Rabbit Ration	15.0	17.0	2.7	3.5	15.0	10.0
Tuxedo Chop (For Fitting Livestock)	9.0	10.4	3.0	3.4	10.0	8.2
Tuxedo Chop (For Fitting Livestock)	9.0	11.5	3.0	3.5	10.0	7.2
"Tuxedo Special Brand" Chop	9.0	11.1	3.0	2.9	12.0	12.1
JOHN W. ESHELMAN AND SONS, LANCASTER, PENNSYLVANIA						
Eshelman Red Rose Turkey Starter	26.0	30.0	3.5	4.0	6.5	5.5
Eshelman Red Rose Turkey Grower	20.0	21.4	3.5	4.1	8.0	5.6
Eshelman Red Rose Starter and Grower	18.0	19.7	3.5	4.1	7.0	5.7
Eshelman Red Rose 24% Protein Dairy Feed	24.0	26.0	3.5	3.0	9.5	7.9

**Samples failing to equal guaranty by more than one-half of one percent, or that were adulterated with hulls, unground weed seeds, or refuse.

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
JOHN W. ESHELMAN AND SONS, LANCASTER, PENNSYLVANIA (Cont'd)						
Kentucky Challenge 24% Protein Dairy Feed	24.0	25.4	2.5	2.9	15.0	10.8
Eshelman Red Rose 20% Protein Dairy Feed	20.0	22.8	3.5	3.1	9.5	7.7
Eshelman Red Rose Super Brand Dairy Feed	18.0	19.8	3.2	3.7	9.0	7.9
Eshelman Red Rose 16% Dairy Feed	16.0	18.4	3.5	3.6	11.0	7.3
** Eshelman Pennsy 16% Protein Dairy Feed Contained unground weed seeds	16.0	17.3	3.0	3.6	12.0	11.3 **
** Eshelman Pennsy 16% Protein Dairy Feed Contained unground weed seeds	16.0	16.9	3.0	3.8	12.0	10.7 **
Eshelman Red Rose Fitting Feed	12.0	14.1	3.5	3.3	7.0	5.9
Eshelman Red Rose Pig and Sow Meal	18.0	19.6	3.5	4.9	6.0	6.3
** Eshelman Red Rose Hog Meal Contained Mixed Screenings	18.0	19.2	3.5	4.0	8.0	6.4 **
Eshelman Conestoga Horse Feed	10.0	11.5	3.0	3.8	10.0	5.7
Eshelman Red Rose Dog and Puppy Feed	23.0	25.5	4.7	6.1	4.5	4.0
EWING MILL COMPANY, BROWNSTOWN, INDIANA						
Robertson 16% Protein Dairy Feed	16.0	23.3	3.0	2.8	15.0	9.4
EXCELSIOR MILLING COMPANY, MINNEAPOLIS, MINNESOTA						
Camel Hard Wheat Mixed Feed	15.0	16.2	4.0	5.0	9.5	7.6
FAMOUS FEED MILLS, NASHVILLE, TENNESSEE						
"Famous Brand" Growing Mash	18.0	21.0	2.5	5.0	8.0	5.0
"Famous Brand" Scratch Feed	9.0	9.3	2.0	2.4	5.0	2.1
"Golden Gain Brand" 24% Protein Dairy Feed	24.0	25.7	3.0	5.3	15.0	12.2
"Famous Brand" 16% Dairy Feed	16.0	23.1	2.5	3.0	14.0	9.3
"Golden Gain Brand" 16% Dairy Feed	16.0	16.7	3.0	3.3	15.0	14.2
** "Famous Brand" 40% Hog Supplement	40.0	46.4	4.0	3.2	7.0	4.7 **
** "Golden Gain Brand" Pig and Hog Ration Very much above guarantee in fiber	16.0	16.5	3.0	4.6	6.0	9.7 **
** "Friendly Brand" Horse and Mule Feed 41% Protein Soybean Oil Meal	9.0	8.3	2.5	2.7	15.0	10.1 **
	41.0	42.8	5.0	4.8	7.0	6.4
FARMERS FEED SUPPLY COMPANY, ARLINGTON, KENTUCKY						
** Farmers 20% Laying Mash	20.0	18.7	3.5	4.2	7.5	5.0 **
** Farmers 40% Protein Hog Supplement	40.0	39.7	5.0	4.4	7.0	6.0 **
Farmers 40% Protein Hog Supplement	40.0	40.2	5.0	4.8	7.0	6.2
FARMERS FEED MILL, CENTRAL CITY, KENTUCKY						
"Veribest Brand" 16% Protein Hog Ration	16.0	15.9	3.5	3.8	7.0	4.1
FARMERS FEED MILL, ALBANY, KENTUCKY						
"C and C Yellow Tag Brand" 16% Dairy Feed	16.0	19.4	2.5	2.5	10.0	6.9

**Samples failing to equal guaranty by more than one-half of one percent, or that were adulterated with hulls, unground weed seeds, or refuse.

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
FARMERS MILLING COMPANY, SOMERSET, KENTUCKY						
Farmers Hog Feed	16.0	16.2	5.0	5.1	8.0	5.1
** Spotlight Stock Feed	12.0	13.3	2.5	6.5	15.0	7.2 **
Contained mixed screenings						
"Farmers Brand" Stock Feed	12.5	13.9	2.5	4.8	15.0	10.4
FARMERS ELEVATORS, INC., OWENSBORO, KENTUCKY						
"Feeders Friend" 21% H. E.						
Broiler Feed	21.0	23.1	3.5	4.2	4.0	3.2
"Feeders Friend" 40% Hog Supplement	40.0	40.7	2.5	5.2	8.0	8.0
FARMERS UNION MILL, VERSAILLES, KENTUCKY						
Mixed Feed	13.0	13.4	4.5	6.6	8.5	6.2
OSCAR FARMERS AND SONS, LOUISVILLE, KENTUCKY						
60-40 Scratch Feed	9.0	10.3	3.0	3.3	3.0	2.2
FARMERS AND MERCHANTS MILLING COMPANY, BROOKSVILLE, KENTUCKY						
Mixed Feed	14.5	14.8	3.0	3.6	8.0	6.8
** Ground Wheat	10.0	12.8	2.0	1.8	2.5	3.3 **
Ground Wheat	10.0	12.8	2.0	1.8	2.5	3.3
FERNCLIFF FEED AND GRAIN COMPANY, LOUISVILLE, KENTUCKY						
"P. D. Q. Brand" 20% Protein Laying Mash	20.0	20.0	2.5	4.9	8.0	4.3
"P. D. Q. Brand" Scratch Feed	8.0	8.4	3.0	2.9	5.0	1.7
"P. D. Q. Brand" Scratch Feed	8.0	9.0	3.0	3.7	5.0	2.0
Ferncliff 24% Dairy Feed	24.0	23.7	2.5	3.7	11.0	6.6
Ferncliff 24% Dairy Feed	24.0	26.7	2.5	3.5	11.0	8.2
Ferncliff 24% Dairy Feed	24.0	24.9	2.5	3.1	11.0	7.7
Ferncliff 24% Dairy Feed	24.0	27.1	2.5	3.8	11.0	8.9
Ferncliff 24% Dairy Feed	24.0	26.4	2.5	4.0	11.0	9.6
"Cracker Jack Brand" 24% Protein Sweet Dairy Feed	24.0	26.2	3.0	3.7	10.0	7.0
"Cracker Jack Brand" Horse and Mule Feed	9.0	9.6	3.0	4.2	6.0	4.4
"Cracker Jack Brand" Pig and Sow Feed	18.0	20.0	3.0	4.7	6.0	3.7
"Cracker Jack Brand" Pig and Sow Feed	18.0	20.2	3.0	5.0	6.0	3.9
"Cracker Jack Brand" 44% Solvent Extracted Soybean Oil Meal	44.0	45.8	.5	1.0	7.0	6.2
FLAMBEAU MILLING COMPANY, PHILLIPS, WISCONSIN						
** Pulverized Mixed Feed Oats (Contains Oat and other Screenings)	11.0	11.2	4.5	4.5	13.7	14.7 **
FORTUNE FEED MILLS, NASHVILLE, TENNESSEE						
Fortune 16% All Purpose Poultry Mash	16.0	18.8	3.0	4.7	7.0	4.6
** Fortune Sweet Feed	9.0	7.9	1.0	2.7	15.0	12.1 **
FOUNTAIN RUN MILLING COMPANY, FOUNTAIN RUN, KENTUCKY						
** Wheat Mixed Feed and Screenings	15.5	14.2	4.0	3.7	8.5	5.4 **

**Samples failing to equal guaranty by more than one-half of one percent, or that were adulterated with hulls, unground weed seeds, or refuse.

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
HENRY FRUECHTENICHT COMPANY, LOUISVILLE, KENTUCKY						
"Producer" Starter and Grower Mash	20.0	22.2	3.0	5.0	7.0	6.0
"Producer" Egg Mash	20.0	19.9	3.0	4.0	7.0	5.8
"Producer" Scratch Feed	8.0	8.8	2.5	3.5	3.0	2.1
** "Producer" Scratch Feed	8.0	10.3	2.5	2.7	3.0	2.1 **
Contained unground weed seeds						
** "Producer" Scratch Feed	8.0	9.2	2.5	2.9	3.0	1.9 **
Contained unground weed seeds						
** "Producer" Scratch Feed	8.0	8.9	2.5	3.1	3.0	2.0 **
Contained unground weed seeds						
** "Producer" Scratch Feed	8.0	9.6	2.5	3.0	3.0	2.3 **
Contained unground weed seeds						
Blue Grass 33% Dairy Concentrate	33.0	36.3	2.0	3.1	8.0	7.3
Blue Grass 24% Dairy Feed (with urea)	24.0	24.4	3.0	4.6	9.0	6.8
Blue Grass 24% Dairy Feed	24.0	25.7	3.0	4.1	9.0	8.2
Blue Grass 24% Dairy Feed	24.0	30.3	3.0	3.8	9.0	7.3
Blue Grass 24% Dairy Feed	24.0	28.1	3.0	4.2	9.0	8.2
** "Producer" 24% Protein Dairy Feed	24.0	22.8	2.5	2.6	11.0	9.2 **
"Producer" 24% Protein Dairy Feed	24.0	26.7	2.5	3.6	11.0	7.9
"Producer" 24% Protein Dairy Feed	24.0	25.8	2.5	2.9	11.0	7.6
"Producer" 24% Protein Dairy Feed	24.0	26.0	2.5	3.0	11.0	8.3
"Producer" 24% Protein Dairy Feed	24.0	26.4	2.5	5.0	11.0	6.6
"Producer" 24% Protein Dairy Feed	24.0	30.1	2.5	3.2	11.0	6.1
Blue Grass 20% Dairy Feed	20.0	23.5	3.0	4.2	9.0	8.0
Blue Grass 20% Dairy Feed	20.0	23.2	3.0	4.2	9.0	7.9
Blue Grass 20% Dairy Feed	20.0	23.0	3.0	3.9	9.0	8.0
Blue Grass 20% Dairy Feed	20.0	22.4	3.0	3.9	9.0	8.2
Blue Grass 16% Dairy Feed	16.0	18.1	3.0	3.1	9.0	7.5
"Producer" 16% Dairy Feed	16.0	18.5	2.5	2.8	15.0	11.0
"Producer" 16% Dairy Feed	16.0	21.2	2.5	2.9	15.0	14.3
"Producer" 16% Dairy Feed	16.0	17.9	2.5	2.9	15.0	15.5
"Producer" 16% Dairy Feed	16.0	18.1	2.5	2.6	15.0	12.0
"Producer" 16% Dairy Feed	16.0	19.2	2.5	3.1	15.0	13.2
"Producer" 16% Dairy Feed	16.0	18.9	2.5	3.1	15.0	12.5
"Producer" 16% Dairy Feed	16.0	20.1	2.5	3.1	15.0	12.4
Blue Grass Horse and Mule Feed	9.0	9.6	3.5	3.7	6.0	6.3
Blue Grass 40% Protein Pig and Hog Supplement	40.0	41.5	2.5	3.3	8.0	5.2
Blue Grass 40% Protein Pig and Hog Supplement	40.0	44.9	2.5	3.1	8.0	5.7
Blue Grass 18% Protein Pig and Hog Feed	18.0	18.3	3.5	4.9	6.0	5.2
Blue Grass 18% Protein Pig and Hog Feed	18.0	19.1	3.5	5.2	6.0	4.8
Cracked Corn	8.0	8.5	3.5	3.3	2.5	1.9
GARDEN STREET MILL AND ELEVATOR, LOUISVILLE, KENTUCKY						
Garden 16% Protein Dairy Feed	16.0	16.1	3.0	3.8	15.0	14.5
Garden 16% Protein Dairy Feed	16.0	19.2	3.0	3.4	15.0	14.4
Garden 16% Protein Dairy Feed	16.0	17.6	3.0	3.2	15.0	14.8
Garden 16% Protein Dairy Feed	16.0	20.1	3.0	2.9	15.0	13.7

**Samples failing to equal guaranty by more than one-half of one percent, or that were adulterated with hulls, unground weed seeds, or refuse.

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
GARDEN STREET MILL AND ELEVATOR COMPANY, LOUISVILLE, KENTUCKY (Cont'd)						
Garden 16% Protein Dairy Feed	16.0	18.0	3.0	2.7	15.0	15.1
Garden Brand Horse Feed	9.0	11.6	2.5	2.6	15.0	12.3
GARRARD MILLS, LANCASTER, KENTUCKY						
Big G Scratch Feed	9.0	9.3	3.0	2.7	3.0	2.4
Big G Horse and Mule Feed	10.0	9.9	3.0	4.0	8.0	4.2
GENERAL MILLS, MINNEAPOLIS, MINNESOTA						
Nitrofurazone in Larro Surebroiler						
18% Broiler Supplement	18.0	19.4	2.5	4.0	6.0	5.1
Larro Surelay 20% Laying Mash	20.0	21.9	2.5	4.3	8.0	6.5
Larro Suremilk 32% Dairy Concentrate	32.0	36.0	2.0	2.7	11.0	5.6
Larro Suremilk 20% Dairy Feed	20.0	22.9	2.5	2.4	12.0	7.4
Larro Suremilk 20% Dairy Feed	20.0	22.8	2.5	2.7	12.0	8.0
Larro Suremilk 20% Dairy Feed	20.0	22.7	2.5	2.7	12.0	7.5
Larro Suremilk 16% Dairy Feed	16.0	18.5	2.5	2.8	12.0	7.8
Larro Sure Hog Pasture						
40% Hog Supplement	40.0	41.8	1.5	2.1	8.0	5.0
Larro Sure Pig 20% Pig Feed	20.0	24.1	2.5	3.7	4.5	3.8
Larro Sure Hog 17% Hog Feed	17.0	18.9	3.0	4.3	6.0	4.3
Larro Sure Hog 17% Hog Feed	17.0	18.2	3.0	4.3	6.0	5.6
Sonny South Wheat Gray Shorts and Screenings	15.0	16.1	3.5	4.0	6.0	5.2
Sonny South Wheat Gray Shorts and Screenings	15.0	15.1	3.5	4.7	6.0	3.9
GERMANTOWN MILLING COMPANY, GERMANTOWN, KENTUCKY						
Mixed Feed	13.0	14.8	3.0	3.6	8.0	5.4
GLENMORE DISTILLERS COMPANY, OWENSBORO, KENTUCKY						
Glenmore Corn Distillers Dried Grains	24.5	28.2	8.5	9.0	15.0	8.9
THE GLIDDEN COMPANY, INDIANAPOLIS, INDIANA						
Glidden Growing Mash	18.0	18.7	2.5	4.2	7.0	6.0
Glidden Sweet Feed	12.0	14.0	1.0	2.8	12.0	11.5
GOFF MILLING COMPANY, HISEVILLE, KENTUCKY						
16% Dairy Feed	16.0	18.3	2.5	2.6	13.0	8.7
GOLDCAMP MILL COMPANY, IRONTON, OHIO						
"Cream Flow Brand" 24% Protein Dairy Feed	24.0	23.6	3.5	4.0	10.0	6.1
GRAYSON MILLING COMPANY, GRAYSON, KENTUCKY						
Blue Grass Cracked Corn	8.0	8.2	3.5	3.5	3.0	1.9
GREENVILLE OIL WORKS, GREENVILLE, MISSISSIPPI						
** 41% Protein Cottonseed Meal	41.0	40.4	4.0	5.4	13.0	10.8 **

**Samples failing to equal guaranty by more than one-half of one percent, or that were adulterated with hulls, unground weed seeds, or refuse.

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
GWINN BROTHERS AND COMPANY, HUNTINGTON, WEST VIRGINIA						
"Gwinn's Merit Brand" 20% Laying Mash	20.0	22.0	3.0	3.7	8.0	6.0
** "Gwinn's Make Egg Brand" Scratch Feed	10.0	9.3	2.0	3.3	5.0	2.1 **
"Gwinn's Tip Top Brand" Scratch Feed	9.0	11.3	2.0	2.4	6.0	4.1
"Gwinn's Grade A Brand" 24% Dairy Feed	24.0	26.4	3.0	3.6	10.0	8.7
Banner 24% Dairy Feed	24.0	26.0	2.5	2.6	15.0	11.8
Gwinn s Mixed Feed and Screenings	13.5	14.7	4.0	4.5	7.5	5.0
HALES AND HUNTER COMPANY, CHICAGO, ILLINOIS						
Red Comb Turkey Range Grower	24.0	23.8	3.0	4.5	8.0	6.3
Red Comb Chick Starter	20.0	22.6	3.0	3.6	6.0	5.0
Nitrophenide and Arsanilic Acid in Havana Broiler Finisher	18.0	19.7	3.0	5.6	6.0	4.5
Red Comb 20% Protein Egg Mash	20.0	22.0	3.0	4.5	7.0	6.5
Red Comb 20% Protein Egg Mash	20.0	19.8	3.0	5.3	7.0	6.9
Red Comb Su-pel 21% Poultry Feed	21.0	21.5	3.0	6.0	10.0	6.9
Red Comb Crate Fattener	13.0	14.4	3.0	3.1	7.0	6.1
Pioneer 16% Protein Dairy Feed	16.0	17.6	3.0	3.1	9.0	5.5
Gold Flake 16-1/2% Protein Dairy Feed	16.5	19.1	2.5	2.2	15.0	10.4
Pioneer Dry and Freshening Feed	12.0	14.5	2.5	3.5	10.0	6.9
Pioneer 12% Protein Beef Cattle Fitter	12.0	11.8	2.5	2.5	9.0	4.7
E. G. HAMPTON GRAIN ELEVATORS, PEMBROKE, KENTUCKY						
Ground Corn	8.0	9.4	3.5	4.3	2.5	2.1
HANCOCK AND FRANKLIN MILLS, LOUISVILLE, KENTUCKY						
Arrow Starter and Grower	20.0	22.8	3.0	5.0	7.0	5.5
Arrow Egg Mash	20.0	20.4	3.0	5.1	7.0	5.4
Arrow 24% Protein Dairy Feed	24.0	25.7	2.5	3.7	11.0	8.7
Arrow 16% Dairy Feed	16.0	19.0	2.5	3.0	15.0	12.5
Arrow 16% Dairy Feed	16.0	18.1	2.5	3.0	15.0	13.7
Arrow 16% Dairy Feed	16.0	17.5	2.5	2.2	15.0	10.0
Arrow 16% Dairy Feed	16.0	19.7	2.5	2.9	15.0	10.8
Arrow 18% Protein Pig and Hog Feed	18.0	22.7	3.5	4.7	6.0	5.8
Arrow 18% Protein Pig and Hog Feed	18.0	21.3	3.5	4.1	6.0	5.9
HARDIN MILLING COMPANY, HARDIN, KENTUCKY						
Marco 40% Protein Hog Supplement	40.0	42.9	4.0	4.7	7.0	6.5
HARDY BROTHERS MILLS, WALTON, KENTUCKY						
Master Mix 18% Growing Mash	18.0	20.6	2.5	3.6	7.0	4.7
THE P. H. HARSHA MILLING COMPANY, PORTSMOUTH, OHIO						
"Harsha's Product Brand" 24% Protein Dairy Feed	24.0	27.8	3.0	2.8	12.0	5.1
R. L. HARRISON AND SON, BAGDAD, KENTUCKY						
Harrison's 95% Grain Horse and Mule Feed	9.0	9.5	3.5	3.0	7.0	4.3
Wheat Gray Shorts with Screenings	16.0	16.0	4.0	4.7	6.0	5.7

**Samples failing to equal guaranty by more than one-half of one percent, or that were adulterated with hulls, unground weed seeds, or refuse.

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
G. M. HAYCRAFT AND SON, LEITCHFIELD, KENTUCKY						
Haycraft's 18% Laying Mash	18.0	18.9	2.5	3.9	7.0	5.0
Haycraft's 20% Protein Dairy Feed	20.0	22.2	3.0	3.0	9.0	6.9
Haycraft's 18% Protein Growing Hog Feed	18.0	22.2	3.0	3.5	6.0	4.4
HAYDON MILL AND GRAIN COMPANY, SPRINGFIELD, KENTUCKY						
"Magic Brand" Growing Mash	17.0	21.3	2.5	3.8	7.0	4.3
"Magic Brand" Growing Mash	17.0	20.1	2.5	3.9	7.0	4.1
"Magic Brand" Scratch Feed	8.0	9.7	2.0	2.8	5.0	2.1
Magic Super Dairy Supplement	32.0	34.4	1.5	3.1	12.0	6.6
** "Magic Brand" 24% Dairy Feed	24.0	<u>20.6</u>	2.5	4.3	15.0	8.7 **
Very much below guarantee in protein						
"Magic Brand" 20% Protein Sweet Dairy Feed	20.0	22.8	3.0	3.8	13.0	8.0
"Magic Brand" 16% Sweet Dairy Feed	16.0	19.2	2.5	5.3	15.0	10.6
"Magic Brand" 16% Sweet Dairy Feed	16.0	20.0	2.5	4.4	15.0	10.7
"Magic 4-2-2 Brand" 16% Dairy Feed	16.0	19.7	2.5	3.1	10.0	5.6
** Magic Super Steer Fattener	20.0	<u>19.3</u>	1.5	3.5	10.0	4.2 **
** "Magic Brand" Wheat Gray Shorts with Screenings	11.0	13.4	3.0	3.3	6.0	4.8 **
Contained corn cob, shucks, corn and corn bran.						
"Magic Brand" Mixed Feed	11.0	16.2	3.0	4.0	10.0	7.7
** "Magic Brand" Ground Wheat	8.5	10.6	2.0	2.6	3.0	<u>4.9</u> **
Contained mixed screenings						
THE HAYS CITY FLOUR MILL, HAYS, KANSAS						
** Wheat Gray Shorts with screenings	16.0	16.3	4.0	4.2	6.0	5.7 **
Contained mixed screenings						
EDWIN C. HAWKINS, PADUCAH, KENTUCKY						
"Record Brand" Growing Mash	20.0	19.5	3.0	3.8	7.0	7.3
** "Record Brand" 34% Dairy Supplement	34.0	<u>32.1</u>	3.0	3.1	15.0	9.0 **
** "Record Brand" 16% Dairy Feed	16.0	<u>15.3</u>	3.0	<u>1.5</u>	15.0	12.3 **
** Big Deal Stock Feed	16.0	<u>14.4</u>	2.5	<u>3.9</u>	10.0	5.5 **
Oat Hulls and Molasses	3.0	<u>4.2</u>	1.0	.7	30.0	26.6
DR. HEINZ COMPANY, WASHINGTON COURT HOUSE, OHIO						
Heinz Nu-Way All Mash Growing Ration	17.0	19.2	3.0	4.5	7.0	5.2
** Heinz Nu-Way Pig and Sow Ration	18.0	18.9	3.5	3.4	6.0	5.8 **
Contained mixed screenings						
Heinz Nu-Way Horse and Mule Feed	9.0	10.3	3.0	2.8	8.0	5.3
HELMERS FEED AND SUPPLY COMPANY, OWENSBORO, KENTUCKY						
Chowmix Laying Feed (All Mash)	15.0	16.8	3.0	4.0	7.0	3.6
HERMITAGE FEED MILL, NASHVILLE, TENNESSEE						
** "Mak-Em-Grow Brand" Sow and Pig Feed	18.0	19.6	3.0	3.4	6.0	<u>7.1</u> **
Contained unground weed seeds, mixed screenings, barley and oat hulls.						

**Samples failing to equal guaranty by more than one-half of one percent, or that were adulterated with hulls, unground weed seeds, or refuse.

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
HERNING'S MILL, HAZEL GREEN, KENTUCKY						
"Herning's Special Brand" 20% Egg Mash	20.0	21.7	2.5	2.8	7.0	5.0
HICKMAN COUNTY FEED MILL, CLINTON, KENTUCKY						
"Standard Brand" 20% Protein Starting Mash	20.0	19.7	2.5	4.0	6.5	5.5
"Standard Brand" 20% Protein Laying Mash	20.0	23.2	2.5	4.8	7.0	5.7
"Standard Brand" 16% Protein Dairy Feed	16.0	15.6	2.5	2.9	10.0	8.0
"Standard Brand" 16% Protein Dairy Feed	16.0	16.4	2.5	3.5	10.0	8.9
WOODROW HOLMAN, COLUMBUS, INDIANA						
** Vim Hominy Feed	10.0	<u>8.1</u>	7.0	<u>3.4</u>	5.0	1.8 **
Very much below guarantee in fat						
HOME MILLING COMPANY, GREENVILLE, KENTUCKY						
"Champion Brand" Growing Mash	18.0	18.4	2.5	4.5	7.0	7.5
** Happy Home 24% Dairy Feed	24.0	29.2	4.0	<u>2.7</u>	8.0	8.2 **
** Happy Home 16% Sweet Dairy Feed	16.0	<u>15.4</u>	3.0	<u>1.3</u>	15.0	13.3 **
** Happy Home 16% Sweet Dairy Feed	16.0	<u>15.2</u>	3.0	<u>1.8</u>	15.0	14.2 **
Happy Home 16% Sweet Dairy Feed	16.0	<u>17.0</u>	3.0	<u>2.5</u>	15.0	10.3
Happy Home 16% Sweet Dairy Feed	16.0	16.2	3.0	2.6	15.0	13.1
** Happy Home Brand 85% Grain Horse and Mule Feed	9.0	8.0	3.0	<u>2.3</u>	10.0	8.6 **
** Happy Home Brand 85% Grain Horse and Mule Feed	9.0	<u>8.6</u>	3.0	3.1	10.0	6.3 **
"Champion Brand" 40% Hog Supplement	40.0	40.7	3.0	4.7	8.5	5.4
"Champion Brand" 18% Hog Ration	18.0	18.5	3.0	5.4	8.0	6.1
"Champion Brand" 17% Protein Pig and Sow Meal	17.0	19.2	4.0	5.2	6.0	6.2
"Happy Home Brand" Cracked Corn	9.0	8.9	3.7	3.5	2.5	1.6
"Happy Home Brand" Ground Wheat	12.0	12.7	2.0	1.7	3.0	2.7
HOPKINSVILLE MILLING COMPANY, HOPKINSVILLE, KENTUCKY						
"Sunflower Brand" Pig Starter	16.0	20.1	3.0	4.2	6.0	6.5
** Sunflower Wheat Gray Shorts and Screenings	16.0	16.3	4.0	4.6	6.0	<u>7.4</u> **
** Sunflower Wheat Gray Shorts and Screenings	16.0	16.3	4.0	5.0	6.0	<u>8.0</u> **
Very much above guarantee in fiber.						
** Hominy Feed	10.0	10.3	7.0	<u>6.4</u>	8.0	5.4 **
HUEGELY ELEVATOR COMPANY, NASHVILLE, ILLINOIS						
** Expeller 41% Protein Soybean Oil Meal Contained Limestone	41.0	42.6	4.0	5.3	7.0	6.4 **
** Expeller 41% Protein Soybean Oil Meal Contained Limestone	41.0	42.7	4.0	5.9	7.0	6.4 **
** Expeller 41% Protein Soybean Oil Meal Contained Limestone	41.0	43.1	4.0	5.8	7.0	6.8 **

**Samples failing to equal guaranty by more than one-half of one percent, or that were adulterated with hulls, unground weed seeds, or refuse.

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
DUNCAN HUGHES AND COMPANY, LAGRANGE, KENTUCKY						
Dairy Maid 20% Protein Dairy Feed	20.0	19.9	3.5	4.0	11.0	6.5
IGLEHEART BROTHERS, EVANSVILLE, INDIANA						
Winter Wheat Gray Shorts and Screenings	14.0	15.6	3.5	4.8	6.0	5.6
ILLINOIS CEREAL MILLS, PARIS, ILLINOIS						
Hominy Feed	10.0	11.6	5.0	6.7	5.0	4.3
JASPER MILLING COMPANY, SCIENCE HILL, KENTUCKY						
** Scratch Feed	8.0	9.4	2.5	2.7	5.0	2.4 **
Contained unground weed seeds						
** Scratch Feed	8.0	9.8	2.5	2.4	5.0	2.4 **
Contained unground weed seeds						
** Wheat Mixed Feed	13.0	14.2	3.5	3.2	7.0	6.5 **
Contained unground weed seeds						
JONES PACKING COMPANY, PADUCAH, KENTUCKY						
Jone's 45% Protein Tankage.	45.0	49.6	10.0	17.0	4.0	3.0
T. A. JONES AND SONS, PADUCAH, KENTUCKY						
Jones' 48% Protein Tankage	48.0	49.4	14.0	22.6	4.0	2.6
THE KANSAS MILLING COMPANY, WICHITA, KANSAS						
Wheat Gray Shorts and Screenings	16.0	15.5	3.5	4.2	6.0	5.0
KASCO MILLS, INC., TOLEDO, OHIO						
Kasco Pig Zip Feed	18.0	19.9	3.0	3.5	6.0	3.8
** Kasco Beatsall Milk Grains Brand						
20% Protein Dairy Feed	20.0	19.5	3.5	3.3	10.0	8.2 **
Pellets contained mixed screenings						
** "Kasco Mormilk Brand" Dairy Feed	24.0	23.7	3.0	3.4	10.0	9.0 **
Contained mixed screenings						
** "Kasco Beatsall Milk Grains Brand"						
20% Protein Dairy Feed	20.0	21.3	3.5	2.9	10.0	6.8 **
** Kasco 16% Protein Sweet Dairy Feed	16.0	18.2	3.0	4.3	11.0	9.8 **
Contained unground weed seeds						
** Kasco Pig-Hog Feed	20.0	20.1	3.5	4.5	6.0	5.4 **
Contained mixed screenings						
KECO MILLING COMPANY, MCKENZIE, TENNESSEE						
Keco 18% Growing Mash	18.0	18.7	3.0	6.0	8.0	5.4
** Thrifty 16% Dairy Feed	16.0	18.6	2.5	2.5	15.0	10.8 **
Contained unground weed seeds						
** Thrifty 16% Dairy Feed	16.0	18.7	2.5	2.7	15.0	13.6 **
Contained rice hulls						
Keco 30% Hog Supplement	30.0	30.1	3.5	7.8	8.0	6.1
KELLER HAY AND GRAIN COMPANY, NEWPORT, KENTUCKY						
Big K 20% Dairy Feed	20.0	20.0	3.0	4.7	10.0	6.9

**Samples failing to equal guaranty by more than one-half of one percent, or that were adulterated with hulls, unground weed seeds, or refuse.

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
KELLOGG COMPANY, OMAHA, NEBRASKA						
Kellogg's Hominy Feed	10.0	11.2	5.0	7.6	5.0	4.1
KENTUCKY BY-PRODUCTS CORPORATION, LOUISVILLE, KENTUCKY						
** Brewers Dried Grain (Special Process Syrup added)	22.0	21.7	6.0	<u>4.7</u>	18.0	14.2 **
Dri-Molasses	8.0	9.5	.8	<u>1.5</u>	8.0	5.1
KENTUCKY CHEMICAL INDUSTRIES, CINCINNATI, OHIO						
"K.C." 50% Protein Meat and Bone Scraps	50.0	52.6	4.0	7.4	2.0	2.1
KENTUCKY ANIMAL BY-PRODUCTS COMPANY, RUSSELLVILLE, KENTUCKY						
"Blue Ribbon Brand" 55% Protein Tankage	55.0	56.4	6.0	13.7	3.0	1.5
F. W. KIBLER MILLING COMPANY, MT. ORAB, OHIO						
Kibler 20% Egg Breeder Mash	20.0	23.0	3.0	4.8	7.0	5.6
LAUHOFF GRAIN COMPANY, DANVILLE, ILLINOIS						
Vermillion Hominy Feed	9.0	10.9	5.0	7.0	6.0	4.8
LEAR AND BALLARD, LANCASTER, KENTUCKY						
L & B Scratch Grains	9.0	9.0	3.0	2.6	5.0	1.8
LEWISBURG ROLLER MILLS, LEWISBURG, KENTUCKY						
** "Coon-Range Brand" 16% Dairy Feed	16.0	17.6	3.0	<u>2.1</u>	12.0	8.6 **
Coon Range 20% Pig and Sow Ration	20.0	19.6	3.5	<u>4.9</u>	6.0	6.4
"Coon Range Brand" Pork Maker	16.0	15.6	2.5	3.8	8.0	6.0
LEXINGTON ROLLER MILLS, LEXINGTON, KENTUCKY						
** "Thoroughbred Brand" 24% Protein Sweet Dairy Feed	24.0	25.6	3.0	2.9	8.0	8.0 **
Contained mixed screenings						
** "Thoroughbred Brand" 24% Protein Sweet Dairy Feed	24.0	25.7	3.0	3.2	8.0	7.2 **
Contained mixed screenings						
** "Thoroughbred Brand" 24% Protein Sweet Dairy Feed	24.0	25.6	3.0	<u>2.4</u>	8.0	7.2 **
Contained mixed screenings						
** "Thoroughbred Brand" 24% Protein Sweet Dairy Feed	24.0	26.8	3.0	3.1	8.0	8.0 **
Contained mixed screenings						
** "Thoroughbred Brand" 24% Protein Sweet Dairy Feed	24.0	26.0	3.0	4.0	8.0	<u>8.7</u> **
Contained mixed screenings						
"Thoroughbred Brand" 24% Protein Sweet Dairy Feed	24.0	25.6	3.0	3.5	8.0	7.7
"Thoroughbred Brand" 20% Protein Sweet Dairy Feed	20.0	23.8	3.0	3.1	9.0	7.5
** "Thoroughbred Brand" 20% Protein Sweet Dairy Feed	20.0	20.3	3.0	4.0	9.0	7.1 **
Contained ground and unground weed seeds						

**Samples failing to equal guaranty by more than one-half of one percent, or that were adulterated with hulls, unground weed seeds, or refuse.

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
LEXINGTON ROLLER MILLS, LEXINGTON, KENTUCKY (Cont'd)						
"Thoroughbred Brand" 16% Protein Sweet Dairy Feed	16.0	17.0	3.0	3.7	10.0	7.3
** "Thoroughbred Brand" 16% Protein Sweet Dairy Feed	16.0	20.1	3.0	2.9	10.0	6.9 **
Contained mixed screenings						
"Thoroughbred Brand" 16% Protein Sweet Dairy Feed	16.0	17.4	3.0	4.0	10.0	8.7
"Sweet Sue" 16% Protein Sweet Dairy Feed	16.0	18.3	3.0	3.2	15.0	13.0
"Sweet Sue" 16% Protein Sweet Dairy Feed	16.0	16.4	3.0	2.8	15.0	12.9
"Sweet Sue" 16% Protein Sweet Dairy Feed	16.0	16.2	3.0	2.9	15.0	12.2
"Sweet Sue" 16% Protein Sweet Dairy Feed	16.0	17.4	3.0	2.7	15.0	12.6
"Sweet Sue" 16% Protein Sweet Dairy Feed	16.0	17.4	3.0	2.8	15.0	11.5
** "Thoroughbred Brand" 16% Pig and Hog Ration	16.0	19.0	3.0	3.3	6.0	<u>7.9</u> **
** "Bossie" Stock Feed	13.0	13.4	3.0	3.6	11.0	<u>6.4</u> **
Contained mixed screenings						
** "Bossie" Stock Feed	13.0	13.1	3.0	4.8	11.0	7.8 **
Contained mixed screenings						
"Suzy-Q-Brand" Stock Feed	10.0	13.1	3.0	3.7	15.0	6.2
"Suzy-Q-Brand" Stock Feed	10.0	12.9	3.0	4.0	15.0	8.1
LOFTON'S MILLS, PROVIDENCE, KENTUCKY						
Farmer's 16% Protein Dairy Feed	16.0	17.5	3.0	3.7	15.0	10.3
Lofton's 35% Hog Supplement	35.0	38.0	4.0	6.2	10.0	6.7
** Lofton's 22% Hog Feed	22.0	<u>19.7</u>	4.0	6.0	8.0	5.1 **
Very much below guarantee in protein						
** Screened Cracked Corn	8.0	8.6	3.5	<u>2.9</u>	3.0	1.6 **
** Crushed Ear Corn and Shuck	7.5	7.5	3.0	<u>2.9</u>	7.5	<u>8.9</u> **
L. B. LOVITT AND COMPANY, MEMPHIS, TENNESSEE						
"Lovit Brand" 41% Protein Cottonseed Meal	41.0	42.9	4.0	4.0	13.0	9.8
MAGIC FEED MILLS, PAOLI, INDIANA						
Magic 25% Protein Dog Food	25.0	29.1	3.5	5.7	6.0	2.6
MAYFIELD MILLING COMPANY, MAYFIELD, KENTUCKY						
"Big Chief Brand" 20% Protein Chick Starter	20.0	21.2	3.5	4.6	6.0	6.3
Corn Chop	9.0	9.0	4.0	4.0	2.0	1.9
State Leader 17% Protein Chick Growing Mash	17.0	19.6	2.5	4.7	7.0	4.6
State Leader Brand 18% Protein Hog Fattener	18.0	19.8	3.0	4.1	7.0	4.2
MCGINNIS COMPANY, HUNTINGTON, WEST VIRGINIA						
Wheat Gray Middlings with Screenings	15.0	16.4	3.5	4.4	6.0	5.0
J. E. MCGAHAN AND COMPANY, PAINTSVILLE, KENTUCKY						
Cracked Corn	7.0	8.9	2.5	3.4	1.5	1.8

**Samples failing to equal guaranty by more than one-half of one percent, or that were adulterated with hulls, unground weed seeds, or refuse.

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
MCMILLEN FEED MILLS, FORT WAYNE, INDIANA						
Master Mix Egg Mash	20.0	22.3	2.5	2.8	7.0	6.0
Master Mix 16% Dairy Feed	16.0	18.8	2.5	2.3	9.0	6.8
Master Mix 16% Dairy Feed	16.0	20.2	2.5	2.3	9.0	6.2
Master Mix M-V Complete Calf Feed	17.5	20.0	3.0	3.0	8.0	6.3
Master Mix Biofeed M-V Feed (A special purpose feed for Poultry, Swine, Calves)	20.0	24.3	3.0	3.5	4.0	4.5
Master Mix Biofeed M-V Feed (A special purpose feed for Poultry, Swine, Calves)	20.0	21.7	3.0	3.6	4.0	3.8
Master Mix M-V Pig-Ets Brand Pig Feed	18.0	18.7	3.0	3.7	5.0	3.6
Pulverized Oats	11.5	12.6	3.5	4.5	12.0	11.6
MIDWEST FEEDS, INC., CINCINNATI, OHIO						
** Majestic Poultry Concentrate	50.0	<u>48.9</u>	3.5	8.5	3.5	2.7 **
MEDLEY DISTILLING COMPANY, OWENSBORO, KENTUCKY						
Medley's Corn Distillers Dried Grain	25.0	25.8	5.0	7.5	16.0	12.8
MELBER ROLLER MILLS, MELBER, KENTUCKY						
** Kay 16% Dairy Feed	16.0	15.6	3.0	3.1	10.0	<u>11.5</u> **
Kay 40% Hog Supplement	40.0	39.7	5.0	6.5	8.0	7.0
THE MENNEL MILLING COMPANY, TOLEDO, OHIO						
Memo Wheat Gray Middlings with screenings	15.0	17.0	4.0	4.7	6.0	5.8
MIDDLESBORO MILLING COMPANY, MIDDLESBORO, KENTUCKY						
"Higrade Brand" Feed	18.0	19.8	4.0	3.7	8.5	7.8
"Hard to Beat" Feed	13.0	13.8	3.5	3.6	8.0	6.1
MILLER AND HUFFMAN, FORDSVILLE, KENTUCKY						
Cracked Corn	8.0	9.1	3.5	4.3	3.0	1.8
MILLIKEN SWEET FEED MILLS, FRANKLIN, KENTUCKY						
Chow Mix Chick Grower	17.0	16.8	3.0	3.7	7.0	3.3
MONROE SWEET FEED MILL, TOMPKINSVILLE, KENTUCKY						
"Double Duty Brand" 20% Laying Mash	20.0	21.6	3.5	4.0	7.5	5.2
MORGANTOWN FEED MILL, MORGANTOWN, KENTUCKY						
"Flava Brand" 20% Protein Laying Mash	20.0	23.4	2.5	3.7	7.0	6.1
"Flava Brand" Hog Fattener	15.0	18.9	2.5	3.8	8.0	4.8
MT. EDEN MILLS, MT. EDEN, KENTUCKY						
Wheat Mixed Feed with Screenings	13.5	15.1	3.0	3.6	8.0	6.3
MT. VERNON MILLING COMPANY, MT. VERNON, INDIANA						
"Peco" Corn By-Products Feed	10.0	10.3	5.5	8.0	6.0	4.0

**Samples failing to equal guaranty by more than one-half of one percent, or that were adulterated with hulls, unground weed seeds, or refuse.

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
MUNFORDVILLE MILLING COMPANY, MUNFORDVILLE, KENTUCKY						
Scratch Feed	8.5	10.2	2.5	3.2	3.5	2.4
Scratch Feed	8.5	9.9	2.5	2.7	3.5	2.0
MURPHY GRAIN AND MILLING COMPANY, OWENSBORO, KENTUCKY						
Airolite Chick Scratch	9.0	10.0	3.0	3.0	3.5	2.2
MYERS AND CLARK COMPANY, ASHLAND, KENTUCKY						
"Ideal Brand" 18% Protein All Mash Starter and Grower	18.0	20.6	3.0	5.6	7.0	6.1
"Ideal Brand" 18% Protein Laying Mash	18.0	19.4	3.0	6.0	8.0	6.2
"Hi-Choice Brand" Scratch Feed	9.0	9.9	3.0	3.1	5.0	2.7
** "Special Brand" 24% Protein Dairy Feed Contained unground weed seeds	24.0	23.6	2.5	4.4	15.0	10.5 **
Myers Special 24% Dairy Feed	24.0	26.4	2.5	4.2	12.0	11.8
"Special Brand" 16% Protein Dairy Feed	16.0	18.3	2.5	4.4	15.0	12.0
"Special Brand" 16% Protein Dairy Feed	16.0	17.4	2.5	2.8	15.0	12.6
"Ideal Brand" 65% Horse and Mule Feed	10.0	10.0	3.0	3.4	11.0	7.1
NATIONAL ALFALFA DEHYDRATING AND MILLING COMPANY, LAMAR, COLORADO						
17% Protein Alfalfa Meal	17.0	19.3	1.5	2.5	27.0	21.5
NATIONAL BISCUIT COMPANY, TOLEDO, OHIO						
Namico Wheat Middlings with screenings	14.0	16.0	3.5	4.4	9.0	6.8
Namico Wheat Middlings with screenings	14.0	15.6	3.5	4.4	9.0	6.5
NATIONAL OATS COMPANY, EAST ST. LOUIS, ILLINOIS						
Corno Growing Mash	18.0	18.8	3.0	4.6	7.0	6.5
Corno Growing Mash	18.0	20.2	3.0	4.2	7.0	6.6
Shamrock 16% Protein Poultry All Mash Ration	16.0	16.9	3.0	4.6	8.0	5.7
NASHVILLE COTTON OIL MILL CORPORATION, NASHVILLE, TENNESSEE						
** 41% Protein Cottonseed Meal	41.0	40.4	3.0	4.4	13.0	12.9 **
41% Protein Cottonseed Meal	41.0	40.9	3.0	4.7	13.0	11.4
41% Protein Cottonseed Meal	41.0	42.1	3.0	5.1	13.0	9.7
THE NEW ERA MILLING COMPANY, ARKANSAS CITY, KANSAS						
Polar Bear Wheat Gray Shorts with Screenings	16.0	15.6	4.0	4.0	6.0	6.3
Polar Bear Wheat Gray Shorts with Screenings	16.0	15.6	4.0	4.5	6.0	5.4
"Polar Bear" Wheat Bran	14.5	16.3	3.5	4.6	10.0	8.8
CHARLES NUNN AND SONS MILLING COMPANY, EVANSVILLE, INDIANA						
Nunn-Better 20% Egg Mash with Cod Liver Oil	20.0	21.3	2.5	3.1	7.0	7.5
"Nunn-Better Brand" Baby Chick Scratch Feed	8.0	10.3	2.0	3.5	3.5	1.9
Nunn-Better Scratch Feed	8.0	8.7	3.0	3.0	2.5	1.2
Nunn-Better 40% Hog Supplement	40.0	43.1	1.0	4.7	8.5	5.2

**Samples failing to equal guaranty by more than one-half of one percent, or that were adulterated with hulls, unground weed seeds, or refuse.

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
CHARLES NUNN AND SONS MILLING COMPANY, EVANSVILLE, INDIANA (Cont'd)						
"Nunn-Better Brand" Wheat Gray Shorts with Screenings Contained mixed screenings	13.0	13.7	3.0	3.2	6.0	3.6 **
OWENSBORO GRAIN COMPANY, OWENSBORO, KENTUCKY						
Ograco 44% Protein Solvent Extracted Soybean Oil Meal	44.0	46.5	.5	1.0	7.0	5.5
Ograco 44% Protein Solvent Extracted Soybean Oil Meal	44.0	47.6	.5	.5	7.0	6.0
Ograco 44% Protein Solvent Extracted Soybean Oil Meal	44.0	45.1	.5	1.0	7.0	7.2
OWENSBORO MILLING COMPANY, OWENSBORO, KENTUCKY						
Nitrophenide in True Test 20% Broiler Mash	20.0	22.7	3.0	3.7	4.5	3.8
Tru-Test Laying Mash	20.0	22.6	2.5	3.8	7.0	5.7
O-Mil-Co 18% Laying Mash	18.0	18.7	2.5	4.2	6.0	5.8
** Barnyard Hen Scratch Contained unground corn cockle	8.3	9.7	3.0	3.3	3.0	2.0 **
Tru-Test 24% Dairy Feed	24.0	25.7	2.5	2.7	10.0	8.1
Sugar Lassie Dairy Feed	16.0	18.9	2.5	2.8	15.0	10.8
Sugar Lassie Dairy Feed	16.0	18.7	2.5	2.4	15.0	11.1
Tru-Test Pig and Sow Concentrate	35.0	38.5	1.0	1.8	9.0	7.9
D and H Stock Feed	13.2	15.4	3.0	3.9	8.0	6.8
PAN AMERICAN MILLS, BOWLING GREEN, KENTUCKY						
Green Valley 20% Dairy Feed	20.0	21.0	4.0	3.6	15.0	10.0
Green Valley 20% Dairy Feed	20.0	21.8	4.0	3.7	15.0	9.1
Bell Ringer 16% Dairy Feed	16.0	17.3	3.0	3.3	15.0	12.0
PARAMOUNT FEED MILLS, LOUISVILLE, KENTUCKY						
Paramount Scratch Feed	8.0	8.8	3.0	3.9	5.0	2.0
PENNINGTON MILLING COMPANY, PENNINGTON GAP, VIRGINIA						
"Blue Bird" 14% Protein Stock Feed	14.0	15.0	3.5	5.3	10.0	9.2
PILLSBURY MILLS, CLINTON, IOWA						
Pillsbury's Best Starter and Grower	18.0	20.6	3.0	4.5	7.0	6.1
Insurance Growing Mash	18.0	19.3	3.0	3.7	8.0	8.1
Pillsbury's Best Broiler Mash	20.0	20.1	3.0	4.0	5.5	3.8
** Pillsbury's Best Scratch Feed Contained unground weed seeds	8.0	9.3	2.5	2.5	4.0	3.0 **
Pillsbury's Best Growing Grains	8.0	9.7	2.5	2.8	3.0	1.8
** Ballard Chick Grains Contained unground weed seeds	8.0	10.7	2.5	2.4	3.0	1.3 **
** Pillsbury's Champion 24% Dairy Feed Contained mixed screenings	24.0	<u>22.2</u>	3.0	3.0	11.0	7.9 **
** Pillsbury's Champion 24% Dairy Feed Contained mixed screenings	24.0	<u>21.9</u>	3.0	3.9	11.0	9.7 **
** Pillsbury's Champion 24% Dairy Feed Contained unground weed seeds and oat hulls	24.0	25.5	3.0	3.4	11.0	6.3 **

**Samples failing to equal guaranty by more than one-half of one percent, or that were adulterated with hulls, unground weed seeds, or refuse.

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
PILLSBURY MILLS, INC., CLINTON, IOWA (Cont'd)						
Pillsbury's Champion 24% Dairy Feed	24.0	24.9	3.0	2.8	11.0	7.3
Pillsbury's Champion 24% Dairy Feed	24.0	24.8	3.0	3.0	11.0	7.1
** Pillsbury's Champion 24% Dairy Feed	24.0	<u>22.0</u>	3.0	3.6	11.0	9.5 **
Very much below guaranty in protein						
Contained mixed screenings						
** Pillsbury's Best 24% Dairy Feed	24.0	24.2	2.5	3.4	8.5	7.0 **
Contained mixed screenings						
** Pillsbury's Champion 24% Dairy Feed	24.0	25.1	3.0	3.5	11.0	5.8 **
Contained weed seeds and hulls						
Pillsbury's Champion 24% Dairy Feed	24.0	24.8	3.0	2.6	11.0	6.4
** Pillsbury's Champion 24% Dairy Feed	24.0	23.7	3.0	3.1	11.0	5.8 **
Contained unground weed seeds						
Pillsbury's Champion 24% Dairy Feed	24.0	23.8	3.0	3.5	11.0	6.1
** Pillsbury's Champion 24% Dairy Feed	24.0	26.3	3.0	3.1	11.0	5.5 **
Contained mixed screenings and unground weed seeds						
Pillsbury's Champion 24% Dairy Feed	24.0	23.7	3.0	3.1	11.0	6.2
** Pillsbury's Champion 24% Dairy Feed	24.0	<u>21.5</u>	2.5	3.5	10.0	5.2 **
Very much below guaranty in protein						
Pillsbury's Champion 24% Dairy Feed	24.0	23.8	2.5	3.6	10.0	6.0
Pillsbury's Champion 24% Dairy Feed	24.0	24.1	2.5	3.6	10.0	5.7
** Pillsbury's Champion 24% Dairy Feed	24.0	25.9	3.0	4.1	11.0	6.2 **
Contained mixed screenings						
Pillsbury's Best 20% Dairy Feed	20.0	24.1	3.0	2.7	9.0	6.6
** Pillsbury's Best 20% Dairy Feed	20.0	21.6	3.0	4.0	9.0	7.2 **
Contained unground weed seeds						
** Pillsbury's Best 20% Dairy Feed	20.0	21.8	3.0	3.8	9.0	7.4 **
Contained mixed screenings						
** Pillsbury's Best 20% Dairy Feed	20.0	21.3	3.0	3.3	9.0	7.0 **
Contained mixed screenings						
Pillsbury's Best 20% Dairy Feed	20.0	19.6	3.0	3.6	9.0	6.7
Pillsbury's Best 20% Dairy Feed	20.0	21.2	3.0	3.3	9.0	5.8
Pillsbury's Best 20% Dairy Feed	20.0	22.1	3.0	3.3	9.0	7.2
** Pillsbury's Best 20% Dairy Feed	20.0	21.0	3.0	4.0	9.0	8.0 **
Contained mixed screenings						
** Pillsbury's Best 20% Dairy Feed	20.0	20.4	3.0	3.7	9.0	6.4 **
Contained mixed screenings						
Pillsbury's Best 20% Dairy Feed	20.0	20.0	3.0	3.4	9.0	7.5
** Pillsbury's Champion 20% Dairy Feed	20.0	19.9	3.0	3.7	11.0	7.1
Contained ground weed seeds						
Pillsbury's Champion 20% Dairy Feed	20.0	22.2	3.0	3.0	11.0	7.2
** Pillsbury's Champion 20% Dairy Feed	20.0	22.3	3.0	2.8	11.0	7.0 **
Contained mixed screenings						
Pillsbury's Champion 20% Dairy Feed	20.0	21.6	3.0	3.3	11.0	5.4
Pillsbury's Champion 20% Dairy Feed	20.0	21.2	3.0	3.7	11.0	5.5
** Pillsbury's Champion 20% Dairy Feed	20.0	19.7	3.0	3.8	11.0	6.9 **
Contained mixed screenings						
Pillsbury's Champion 20% Dairy Feed	20.0	21.6	3.0	4.0	11.0	6.0
Pillsbury's Champion 20% Dairy Feed	20.0	21.5	3.0	3.5	11.0	5.1
** Pillsbury's Champion 20% Dairy Feed	20.0	22.0	3.0	4.0	11.0	7.3 **
Contained mixed screenings						

**Samples failing to equal guaranty by more than one-half of one percent, or that were adulterated with hulls, unground weed seeds, or refuse.

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
PILLSBURY MILLS, INC., CLINTON, IOWA (Cont'd)						
** Pillsbury's Best 16% Dairy Feed Contained mixed screenings	16.0	17.5	3.0	3.9	9.0	7.8 **
** Pillsbury's Best 16% Dairy Feed Contained mixed screenings	16.0	17.7	3.0	4.1	9.0	7.7 **
Pillsbury's Best 16% Dairy Feed	16.0	16.3	3.0	3.7	9.0	6.2
Pillsbury's Best 16% Dairy Feed	16.0	18.9	3.0	3.7	9.0	6.9
Pillsbury's Best 16% Dairy Feed	16.0	16.6	3.0	3.6	9.0	7.3
Pillsbury's Best 16% Dairy Feed	16.0	18.8	3.0	3.4	9.0	7.6
Pillsbury's Best 16% Dairy Feed	16.0	17.2	3.0	3.7	9.0	7.8
** Pillsbury's Champion 16% Dairy Feed Contained ground weed seeds	16.0	<u>15.4</u>	3.0	4.1	11.0	8.0 **
Pillsbury's Champion 16% Dairy Feed	16.0	17.9	3.0	3.2	11.0	10.3
Pillsbury's Champion 16% Dairy Feed	16.0	17.0	3.0	3.1	11.0	9.2
** Pillsbury's Champion 16% Dairy Feed Contained mixed screenings	16.0	16.6	3.0	3.9	11.0	7.1 **
** Pillsbury's Champion 16% Dairy Feed Contained ground weed seeds	16.0	16.2	3.0	4.5	11.0	6.6 **
Pillsbury's Champion 16% Dairy Feed	16.0	16.8	3.0	4.1	13.5	6.2
** Pillsbury's Champion 16% Dairy Feed Contained mixed screenings	16.0	15.9	3.0	4.0	11.0	7.4 **
** Dutch Maid 16% Dairy Feed	16.0	<u>14.1</u>	3.0	2.9	14.0	7.6 **
Dutch Maid 16% Dairy Feed	16.0	<u>16.9</u>	3.0	2.6	14.0	9.0
** Dutch Maid 16% Dairy Feed Contained mixed screenings	16.0	17.5	3.0	2.9	14.0	12.5 **
Dutch Maid 16% Dairy Feed	16.0	17.3	3.0	3.2	14.0	14.5
** Pillsbury's Champion 20% Cattle Cubes Contained mixed screenings	20.0	24.5	2.5	4.3	10.0	8.4 **
Pillsbury's Best Calf Ration	19.0	21.8	2.5	2.8	8.0	8.2
PILLSBURY MILLS, INC., LOUISVILLE, KENTUCKY						
Pillsbury's Champion Hog and Sow Ration	18.0	20.9	3.0	3.1	8.0	5.7
** Balco 16% Dairy Feed Contained unground weed seeds	16.0	20.1	3.0	2.1	15.0	11.1 **
Pillsbury's Champion Hog and Sow Ration	18.0	19.0	3.0	3.4	8.0	7.4
** Pillsbury's Champion Hog and Sow Ration Contained mixed screenings and unground weed seeds	18.0	<u>17.3</u>	3.0	3.7	8.0	5.7 **
** Pillsbury's Champion Hog and Sow Ration Contained unground weed seeds	18.0	20.8	3.0	3.3	8.0	6.4 **
** Pillsbury's Champion Hog and Sow Ration Contained mixed screenings	18.0	17.6	3.0	3.1	8.0	<u>9.2</u> **
Ballards Wheat Brown Shorts with Screenings	15.0	16.3	3.5	3.7	7.0	5.7
Ballard's Wheat Brown Shorts with Screenings	15.0	18.0	3.5	4.6	7.0	6.1
Ballard's Wheat Mixed Feed with Screenings	15.0	16.1	3.5	4.2	8.5	8.2
Ballard's Wheat Bran	14.5	14.9	3.5	4.0	11.0	10.5

**Samples failing to equal guaranty by more than one-half of one percent, or that were adulterated with hulls, unground weed seeds, or refuse.

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
PRINCETON MILLS, PRINCETON, KENTUCKY						
Chowmix Growing Feed (All Mash)	15.0	14.6	3.0	4.0	6.0	3.0
** Chowmix Sow and Pig Feed	16.0	14.4	3.0	4.1	6.0	3.0 **
PROVICO FEEDS AND CONCENTRATES, CINCINNATI, OHIO						
Provico 26% Protein Turkey Grower	26.0	27.6	3.5	3.2	7.0	6.1
Provico Big V Brand 24% Protein Dairy Feed	24.0	25.5	2.5	3.4	12.0	10.2
Provico 16% Dairy Feed	16.0	16.6	3.5	3.2	10.0	6.8
** Provico 18% Dairy Feed Contained Oat Hulls	18.0	18.7	3.5	4.6	12.0	10.2 **
Provico Big V 16% Dairy Feed	16.0	18.8	2.5	2.8	15.0	13.1
Provico Rabbit Breeder and Developer	15.0	17.9	2.5	3.7	18.0	13.2
Provico Rabbit Grower	15.0	21.6	2.5	3.6	18.0	10.1
PURCELL SEED COMPANY, EVANSVILLE, INDIANA						
Purcell's 18% Poultry Mash (with cod liver oil)	18.0	18.9	3.0	3.9	5.0	4.5
Purcell's 18% Poultry Mash	18.0	18.0	3.0	3.5	5.0	4.5
Purcell's 20% Laying Mash	20.0	20.1	2.5	3.7	7.0	5.4
Purcell's Rabbit Pellets	17.0	19.3	3.0	3.6	15.0	11.9
THE QUAKER OATS COMPANY, CHICAGO, ILLINOIS						
"Ful-O-Pep Brand" 20% Egg Breeder Mash	20.0	22.7	3.5	4.9	8.0	8.4
"Ful-O-Pep Brand" 20% Laying Mash	20.0	23.1	3.0	4.8	8.0	7.5
"Ful-O-Pep Brand" 14% Fitting Feed (For Dry Cows)	14.0	15.5	3.0	3.0	10.0	7.3
RALSTON PURINA COMPANY, ST. LOUIS, MISSOURI						
Purina Turkey Fatena (Complete Ration)	15.5	17.4	2.5	3.8	8.0	5.0
Purina Turkey Grower	20.0	21.7	3.0	4.1	7.0	4.8
3-Nitro-4-Hydroxyphenylarsonic Acid and Nitrophenide in Purina Broiler Chow Starter	22.0	23.5	3.0	3.5	5.0	4.2
3 Nitro-4 Hydroxyphenylarsonic Acid in Purina Broiler Chow Starter	22.0	22.5	3.0	3.9	5.0	4.7
Para-Aminobenzioc Acid and Aureomycin Hydrochloride in Purina Chick R Aid	20.0	22.5	3.0	4.0	6.0	4.3
Purina Chick Growena (Complete Ration)	17.0	18.5	3.0	3.8	7.0	5.1
Purina Chick Growena (Complete Ration)	17.0	17.7	3.0	3.6	7.0	5.4
Purina Broiler Chow Finisher (Complete Ration)	18.0	20.7	3.0	4.0	4.5	3.8
Purina Broiler Chow Finisher (Complete Ration)	18.0	19.3	3.0	3.9	4.5	4.2
Purina Layena (Complete Ration)	15.5	17.3	3.0	3.5	6.0	4.3
Purina Layena (Complete Ration)	15.5	16.6	3.0	3.7	6.0	3.9
Purina Layena (Complete Ration)	15.5	18.3	3.0	4.0	6.0	4.4
Purina Chick Chow	10.0	9.9	2.0	3.2	4.0	1.7
Purina Milk Chow	16.0	17.8	2.5	2.8	10.0	6.9

**Samples failing to equal guaranty by more than one-half of one percent, or that were adulterated with hulls, unground weed seeds, or refuse.

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
RALSTON PURINA COMPANY, ST. LOUIS, MISSOURI (Cont'd)						
Purina Milk Chow	16.0	16.4	2.5	2.8	10.0	7.0
Protana Dairy Feed	16.0	18.5	2.5	2.6	15.0	6.8
Purina Dry and Freshening Chow	12.5	15.9	2.5	3.3	12.0	8.8
Purina Dry and Freshening Chow	12.5	14.2	2.5	3.4	12.0	8.4
Purina Dry and Freshening Chow	12.5	13.6	2.5	3.1	12.0	8.3
Purina Bulky Las Roughage Feed	10.0	11.7	1.5	1.8	15.0	14.3
Purina Bulky Las Roughage Feed	10.0	13.0	1.5	1.7	15.0	15.0
Purina Range Checkers A	20.0	21.6	2.5	3.3	8.0	4.5
Purina Range Checkers A	20.0	24.1	2.5	3.2	8.0	7.1
Purina Beef Chow	32.0	33.1	2.5	2.8	8.0	6.8
Purina Beef Chow	32.0	34.5	2.5	2.4	8.0	6.1
** Purina Steer Fatena	32.0	<u>28.9</u>	2.0	2.2	8.0	<u>8.8</u> **
Very much below guarantee in protein Contained mixed screenings						
Purina Steer Fatena	32.0	32.2	2.0	2.6	8.0	6.1
Purina Calf Startena	19.5	21.9	2.5	2.8	9.5	8.1
Purina Fat Calf Chow	14.0	16.0	2.5	3.2	8.0	6.2
Purina Fat Calf Chow	14.0	15.1	2.5	3.4	8.0	5.5
Purina Fat Calf Chow Finisher	12.0	15.4	2.5	3.0	6.0	5.2
Purina Omolene	10.0	11.6	3.0	3.9	11.0	6.9
Purina Omolene	10.0	10.7	3.0	3.6	11.0	6.9
Purina Omolene	10.0	12.0	3.0	3.6	11.0	7.1
Purina Omolene	10.0	11.3	3.0	3.5	11.0	6.7
Purina Sow and Pig Chow Supplement	32.0	34.0	2.5	2.8	9.0	6.3
Purina Pig Startena (Complete Ration)	18.0	20.4	3.0	3.8	6.0	4.9
Purina Pig Startena (Complete Ration)	18.0	22.7	3.0	3.8	6.0	5.0
Purina Hog Fatena (Complete Ration)	14.0	15.1	2.5	3.5	7.0	3.5
RANDOLPH MILLING COMPANY, BANDANA, KENTUCKY						
RA-NI-CO- 18% Growing Mash	18.0	19.2	3.5	4.3	7.0	5.5
"Must Lay Brand" 18% Protein Laying Mash	18.0	19.4	4.0	4.5	7.0	5.8
** 16% Protein Hog Fattener and Grower	16.0	16.0	4.8	<u>4.1</u>	6.0	4.7 **
Wheat Feed and Screenings (Low Protein)	11.8	13.0	2.8	<u>2.7</u>	6.3	6.0
REELFOOT ALFALFA MILL, TIPTONVILLE, TENNESSEE						
** 17% Alfalfa Meal Dehydrated	17.0	<u>14.7</u>	1.5	2.6	27.0	23.7 **
Very much below guarantee in protein						
LLOYD REITERMAN, KINGSTON, OHIO						
Steel Cut Corn	8.0	9.0	3.5	3.5	3.0	1.7
ROBBINS BROTHERS, AUBURN, KENTUCKY						
Corn Chop	8.0	9.5	3.5	3.3	2.5	2.2
ROBERTS BROTHERS, BURLINGTON, KENTUCKY						
** "Unique Brand" 18% Protein Egg Mash	18.0	<u>16.2</u>	3.0	3.6	7.0	5.7 **

**Samples failing to equal guaranty by more than one-half of one percent, or that were adulterated with hulls, unground weed seeds, or refuse.

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
ROBINSON MILLING COMPANY, SOMERSET, KENTUCKY						
Booster 20% Laying Mash	20.0	21.5	3.5	3.7	7.0	6.0
Booster 20% Laying Mash	20.0	20.8	3.5	3.8	7.0	6.5
** Green Valley 24% Dairy Feed	24.0	23.5	3.5	2.8	14.0	12.1 **
Green Valley 24% Dairy Feed	24.0	24.8	3.5	3.1	14.0	12.4
Green Valley 16% Dairy Feed	16.0	16.0	3.0	3.3	15.0	13.9
** Happy Home 16% Sweet Dairy Feed	16.0	15.6	3.0	2.1	15.0	15.1 **
Happy Home 16% Sweet Dairy Feed	16.0	16.7	3.0	3.4	15.0	12.8
G. P. ROSE AND COMPANY, NASHVILLE, TENNESSEE						
Rose's Triumph 24% Dog Food	24.0	27.0	7.0	7.1	5.0	2.9
ROSS FEED COMPANY, MURRAY, KENTUCKY						
"Standard Brand" 14% Protein Poultry Fattener	14.0	17.1	4.0	5.0	6.0	5.1
** "Standard Brand" Wheat Bran and Screenings	14.5	15.2	4.0	4.6	9.5	10.5 **
** Ground Barley	11.0	8.6	2.0	1.6	6.0	5.1 **
Very much below guarantee in protein						
41% Protein Cotton Seed Meal	41.0	41.2	4.0	5.8	12.0	11.1
ROYAL, BARRY-CARTER MILLS, NASHVILLE, TENNESSEE						
** Martha White 16% Protein Wheat Gray Shorts with Screenings	16.0	17.0	3.5	4.2	6.0	7.1 **
RUSSELL MILLER MILLING COMPANY, MINNEAPOLIS, MINNESOTA						
** Occident Mor-Molass Sweet Feed	16.0	15.2	2.0	2.2	15.0	9.0 **
SACRAMENTO FEED MILL, SACRAMENTO, KENTUCKY						
Crushed Ear Corn and Shuck	7.0	9.9	3.0	3.8	10.5	6.2
SALT LICK MILLING COMPANY, SALT LICK, KENTUCKY						
** Scratch Feed	10.0	11.2	3.0	2.4	3.0	2.5 **
Contained unground corn cockle						
** X Mixed Feed	14.0	11.2	3.5	5.7	6.0	5.3 **
Very much below guarantee in protein						
Screened Cracked Corn	8.0	9.1	3.5	3.1	3.0	1.8
SANDUSKY BROTHERS, HARRODSBURG, KENTUCKY						
Mixed Feed	13.0	13.7	3.0	4.4	8.0	8.2
SCHMADEL PACKING AND ICE COMPANY, EVANSVILLE, INDIANA						
** 43% Protein Feeding Tankage	43.0	42.3	10.0	12.9	3.0	2.7 **
Excess bone, hoof and horn						
SCHULTZ BAUJAN AND COMPANY, BEARDSTOWN, ILLINOIS						
Critic Turkey Growing Pellets	20.0	21.6	3.5	4.2	8.0	7.0
Nitrophenide in Critic Growing Mash	18.0	21.2	3.5	4.6	7.0	7.1
Critic "Milk Maker Brand" Dairy Feed	16.0	20.9	2.5	2.5	10.0	7.1
Critic 35% Hog Concentrate Dry Lot	35.0	36.0	2.5	3.7	8.0	8.5
Critic Pig Builder	20.0	20.2	3.0	4.0	6.0	5.6

**Samples failing to equal guaranty by more than one-half of one percent, or that were adulterated with hulls, unground weed seeds, or refuse.

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
THE SCOTT COUNTY MILLING COMPANY, SIKESTON, MISSOURI						
Whoa Mule Special Horse and Mule Feed	9.0	9.7	2.0	2.1	15.0	14.3
SIMPSON COUNTY MILLS, FRANKLIN, KENTUCKY						
Ground Feed Wheat	9.5	12.1	1.5	1.9	3.0	2.6
** Crushed Snapped Corn	8.0	8.8	3.2	<u>2.9</u>	8.0	7.6 **
SLAUGHTERS MILLING COMPANY, SLAUGHTERS, KENTUCKY						
** Mixed Feed	12.0	13.6	4.0	4.7	8.7	5.9 **
Contained unground cheat seed						
Wheat Mixed Feed and Ground Screenings	13.5	14.9	3.0	4.3	8.5	5.5
J. ALLEN SMITH AND COMPANY, KNOXVILLE, TENNESSEE						
VAWCO Stock Feed	13.5	15.3	3.5	4.4	8.5	7.0
"Blue Belle" Stock Feed	13.5	16.2	3.5	4.4	8.5	7.7
STALEY MILLING COMPANY, KANSAS CITY, MISSOURI						
Nitrophenide in "Four Bells Atom Brand"						
Grower Mash	18.0	19.6	2.5	4.1	7.0	5.3
"Four Bells Atom Brand" Egg Producer	20.0	21.8	2.5	4.4	8.0	7.6
Full Pail 18% Dairy Feed	18.0	19.5	2.5	2.4	15.0	13.0
Karmels "A" Meal for Cattle	32.0	33.0	2.5	3.0	9.0	8.5
High Kick Sweet Feed (For Horses and Mules)	9.0	11.9	2.0	3.6	15.0	12.3
STANDARD FEED MILLING COMPANY, ATLANTA, GEORGIA						
Nitrophenide in Super Quality Brand						
Golden Broiler Finisher	16.0	19.4	2.5	4.4	7.0	3.4
"Sav-Mor-Brand" Egg Mash	20.0	22.0	3.0	3.9	8.0	5.3
"Super Quality Brand" 32% Dairy Concentrate	32.0	35.0	2.0	5.7	12.0	8.0
"Super Quality Brand" 32% Dairy Concentrate	32.0	33.2	3.0	4.5	12.0	7.7
Ky-Brand 16% Dairy Feed	16.0	18.6	2.5	2.2	10.0	8.3
"Super Quality Brand" 16% Hog Feed	16.0	18.7	2.5	6.0	8.0	6.8
"Super Quality Brand" Sow and Pig Meal	20.0	22.9	3.0	4.5	6.0	4.7
STANDARD MILLING COMPANY, ELKTON, KENTUCKY						
Bob White 20% Laying Mash	20.0	19.9	3.5	5.1	6.0	4.9
Mixed Feed (with barley)	9.5	10.5	3.0	4.0	8.0	5.8
Mixed Feed (with barley)	9.5	12.0	3.0	2.9	8.0	5.3
** Cracked Corn	9.0	8.5	3.7	<u>2.7</u>	2.5	1.4 **
STURGIS MILLING COMPANY, STURGIS, KENTUCKY						
** "Neva-Fail Vim Brand" 21% Egg Mash	21.0	20.0	2.5	4.1	6.5	5.9 **
** "Neva-Fail Vim Brand" 21% Egg Mash	21.0	<u>20.4</u>	2.5	4.0	6.5	6.9 **
"Neva-Fail" 24% Protein Dairy Feed	24.0	<u>23.7</u>	4.0	3.7	12.0	9.6
"Neva-Fail Brand" 14% Porkmaker	14.0	20.5	2.5	3.6	8.0	5.7

**Samples failing to equal guaranty by more than one-half of one percent, or that were adulterated with hulls, unground weed seeds, or refuse.

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
SUPREME FEED MILLS, GLASGOW, KENTUCKY						
** "Supreme Brand" Scratch Feed Contained unground weed seeds	8.0	9.8	2.0	2.0	5.0	1.8 **
"Supreme Brand" Scratch Feed	8.0	10.2	2.0	2.8	5.0	1.7
"Supreme Brand" Scratch Feed	8.0	10.0	2.0	2.9	5.0	1.8
"Premo Brand" 24% Dairy Feed	24.0	23.7	3.0	5.0	12.5	12.1
"Supreme Special" 24% Dairy Feed	24.0	24.1	3.0	2.7	15.0	11.8
"Feeders Pride" 16% Protein Dairy Feed	16.0	16.3	2.5	2.6	15.0	14.0
"Supreme Brand" Horse and Mule Feed	9.0	9.2	3.5	3.6	12.0	5.2
** "Supreme Brand" Wheat Bran with Screenings	15.0	15.2	3.7	4.4	10.0	10.8 **
** "Supreme Brand" 41% Protein Soybean Oil Meal Contained ground limestone	41.0	42.5	3.5	5.3	7.0	6.8 **
** "Supreme Brand" 41% Protein Soybean Oil Meal Contained ground limestone	41.0	41.9	3.5	5.4	7.0	6.0 **
SUN RAY FEED MILLS, BOWLING GREEN, KENTUCKY						
"Sun-Ray" 16% Protein Dairy Feed	16.0	15.9	3.5	4.9	10.0	6.0
"Sun-Ray" 16% Protein Dairy Feed	16.0	17.6	3.5	4.9	10.0	6.2
Green Valley 16% Dairy Feed	16.0	15.9	3.0	4.2	15.0	8.2
** Green Valley 16% Dairy Feed	16.0	15.4	3.0	3.9	15.0	8.3 **
"Booster Brand" 18% Protein Pig and Hog Feed	18.0	18.2	4.0	4.1	7.0	5.5
** "Booster Brand" 18% Protein Pig and Hog Feed Contained mixed screenings	18.0	19.7	4.0	4.9	7.0	6.9 **
** "Booster Brand" 16% Stock Feed Very much below guarantee in protein	16.0	13.9	3.5	4.4	9.0	6.5 **
SUN RAY FEED MILLS, LEXINGTON, KENTUCKY						
"Sun-Ray" 20% Starting and Growing Mash	20.0	20.0	3.5	3.8	7.0	4.7
** "Sun-Ray" 20% Egg Mash Contained mixed screenings	20.0	20.8	3.5	3.3	7.0	6.0 **
"Booster Brand" 20% Laying Mash	20.0	20.6	3.5	3.4	7.0	5.5
Green Valley 24% Dairy Feed	24.0	24.5	3.5	2.3	14.0	12.1 **
Green Valley Special 24% Dairy Feed	24.0	24.1	2.5	3.3	10.0	10.6 **
Sugar Creek 24% Dairy Feed	24.0	23.9	2.5	3.3	10.0	10.4
** Green Valley 16% Dairy Feed	16.0	17.4	3.0	2.4	15.0	14.4 **
Green Valley 16% Dairy Feed	16.0	17.1	3.0	3.2	15.0	14.4
** Green Valley Special 16% Dairy Feed	16.0	17.6	2.5	2.8	10.0	11.1 **
** Green Valley Special 16% Dairy Feed	16.0	17.3	2.5	2.3	10.0	10.6 **
** Stam 20% Supplement for Horses Very much above guarantee in fiber	20.0	21.9	2.5	3.5	6.0	8.1 **
"Sun-Ray" Horse and Mule Feed	10.0	11.1	3.0	2.7	8.0	5.0
"Sun-Ray" 40% Hog Supplement	40.0	40.2	2.5	4.5	7.0	6.1
Blue Star Stock Feed	14.0	16.4	4.5	5.0	6.0	5.2
** "Sun-Ray" 14% Mixed Feed Contained mixed screenings	14.0	15.3	3.0	4.4	8.0	6.1 **
"Sun-Ray" Hominy Feed	10.0	10.9	5.0	5.4	6.0	4.3

**Samples failing to equal guaranty by more than one-half of one percent, or that were adulterated with hulls, unground weed seeds, or refuse.

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
SUNSHINE STORES, INC., FORT WAYNE, INDIANA						
Red Feather 20% Dairy Feed	20.0	22.1	2.5	3.0	12.0	8.2
SUNSHINE BISCUITS, INC., GRAFTON, OHIO						
U. M. C. Wheat Middlings with Screenings	14.0	16.4	3.5	5.0	9.5	7.0
SUMMER SHADE ROLLER MILLS, SUMMER SHADE, KENTUCKY						
** Summer Shade 24% Dairy Feed	24.0	23.4	2.5	2.4	10.0	6.7 **
** "Special Brand" 24% Dairy Feed	24.0	22.1	2.5	2.0	10.0	5.8 **
Summer Shade 14% Hog Fattener	14.0	15.3	3.0	3.5	8.0	3.7
Cracked Corn	8.0	9.3	3.5	4.0	3.0	1.9
D. B. SUTHERLAND AND SON, BLOOMFIELD, KENTUCKY						
"Kentucky Star" 20% Protein Laying Mash	20.0	21.9	3.5	4.7	7.0	6.1
"Kentucky Star" 24% Dairy Feed	24.0	26.3	3.0	4.0	10.0	7.8
"Kentucky Star" 20% Dairy Feed	20.0	22.0	3.0	3.3	15.0	9.0
"Kentucky Star" 20% Dairy Feed	20.0	22.2	3.0	3.7	15.0	9.4
"Kentucky Star" 16% Dairy Feed	16.0	18.5	3.0	4.0	15.0	9.0
"Kentucky Star" 15% Protein Hog Feed	15.0	16.6	3.5	6.1	7.0	6.7
"Kentucky Star" 15% Protein Hog Feed	15.0	16.1	3.5	5.5	7.0	5.7
"Kentucky Star" 15% Protein Hog Feed	15.0	15.9	3.5	6.3	7.0	6.0
** "Kentucky Star Brand" Farm Feed	11.5	14.7	3.5	3.6	8.0	5.7 **
Contained ground corn cockle						
"Kentucky Star Brand" Farm Feed	11.5	14.7	3.5	4.1	8.0	5.6
"Kentucky Star Brand" Farm Feed	11.5	15.5	3.5	4.3	8.0	6.9
** Kentucky Kennel Hominy Feed	10.0	11.1	7.0	5.4	6.0	4.1 **
SWEET FEEDS, HOPKINSVILLE, KENTUCKY						
Sweet Mix 18% Pig and Sow Feed	18.0	20.3	4.0	4.8	7.0	7.1
SWEET FEED MILLS, BOWLING GREEN, KENTUCKY						
** "Hogsupp" 40% Hog Supplement	40.0	38.9	3.0	7.2	8.0	7.0 **
Freshgood 16% Dairy Feed	16.0	18.0	3.0	3.5	10.0	8.2
SWIFT AND COMPANY, CHICAGO, ILLINOIS						
Swift's 20% Protein Chick Starter Mash	20.0	21.4	3.0	3.8	6.5	5.9
Swift's 18% Protein Growing Mash	18.0	19.8	2.5	3.9	8.0	6.7
Swift's 20% Egg Mash	20.0	20.9	3.0	3.7	8.0	6.7
Swift's 20% Protein Dairy Feed	20.0	20.5	3.0	3.2	8.0	7.5
Swift's 42% Protein Soybean Oil Meal	42.0	42.7	3.5	5.5	7.0	5.2
TABOR HATCHERY AND BUILDING SUPPLY, COLUMBIA, KENTUCKY						
Tabor Laying Mash	20.0	21.9	2.5	3.9	8.0	5.5
** Tabor's 16% Protein Dairy Feed	16.0	18.2	3.0	2.3	15.0	5.3 **
Contained corn cob						
TARTER'S FEED MILL, LIBERTY, KENTUCKY						
** "Tarter's Special Brand" 16% Dairy Feed	16.0	16.2	3.0	3.0	10.0	7.4 **
Contained unground cheat seeds						

**Samples failing to equal guaranty by more than one-half of one percent, or that were adulterated with hulls, unground weed seeds, or refuse.

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
TAYLOR COUNTY IMPLEMENT AND FEED COMPANY, CABELLSVILLE, KENTUCKY						
"Economy Brand" 18% Egg Mash	18.0	19.7	2.5	4.1	7.0	4.6
TELL CITY FLOURING COMPANY, TELL CITY, INDIANA						
"Masmix" Starting Mash	20.0	20.8	2.5	4.2	7.0	4.8
"Hoosier" Poultry Scratch Feed	9.0	9.5	3.0	3.5	5.0	2.8
TENNESSEE PACKERS, INC., CLARKSVILLE, TENNESSEE						
50% Meat Scraps	50.0	56.9	4.0	10.4	3.0	3.0
THOMERSON MILLING COMPANY, GLASGOW, KENTUCKY						
Thomerson's Cracked Corn and Wheat	8.0	10.0	3.0	3.0	3.0	2.0
TILFORD AND WALTERS MILL, METROPOLIS, ILLINOIS						
** Masco 34% Protein Dairy Supplement	34.0	32.2	4.0	2.5	10.0	8.0 **
** "Profit Maker Brand" 16% Dairy Feed	16.0	16.1	2.5	1.4	15.0	14.6 **
Masco 40% Protein Hog Supplement	40.0	40.8	3.5	3.7	7.0	4.6
** J an J 40% Protein Hog Supplement	40.0	38.8	2.5	3.6	8.0	5.5 **
TRI-STATE MILLS, KENOVA, WEST VIRGINIA						
Tri-State 24% Dairy Feed	24.0	26.5	3.0	3.2	10.0	9.2
Daisy 24% Dairy Feed	24.0	24.3	2.5	2.6	15.0	14.0
Daisy 16% Dairy Feed	16.0	16.4	2.5	2.8	15.0	12.2
THE UBIKO MILLING COMPANY, CINCINNATI, OHIO						
Life Guard Developer	17.0	18.9	3.5	4.1	7.0	6.7
Life Guard Egg and Breeder Mash	20.0	23.3	3.5	4.0	8.0	6.0
Special Union Grains Life Guard						
18% Dairy Feed	18.0	18.9	2.5	3.3	12.0	8.9
** Sunbeam 16% Dairy Feed	16.0	17.3	2.5	3.8	15.0	11.5 **
Contained mixed screenings						
"Crusader Brand" Horse Feed	9.0	10.6	2.5	3.2	10.0	6.9
** Life Guard 40% Hog Supplement	40.0	42.5	2.5	1.9	8.0	5.4 **
Life Guard Pig and Sow Ration	16.0	18.8	3.5	3.8	6.0	5.9
VALIER AND SPIES MILLING COMPANY, ST. LOUIS, MISSOURI						
** Valier's Wheat Gray Shorts and Screenings	16.0	16.2	4.0	3.4	6.0	6.0 **
Contained mixed screenings						
C. F. VISSMAN AND COMPANY, LOUISVILLE, KENTUCKY						
Vissman's 60% Protein Digester Tankage	60.0	59.6	6.0	9.3	3.0	1.9
Vissman's 60% Protein Digester Tankage	60.0	60.8	6.0	9.0	3.0	1.8
VITALITY MILLS, INC., CHICAGO, ILLINOIS						
Vitality's Egg-A-Day Brand Egg Mash	20.0	23.0	3.5	3.7	8.0	7.2
"Vitality All in One Brand" Rabbit Pellets	13.0	16.6	2.0	3.8	15.0	12.3
WALTERS AND THOMPSON, SHELBYVILLE, KENTUCKY						
40% Hog Supplement	40.0	46.0	3.5	3.7	10.0	4.2

**Samples failing to equal guaranty by more than one-half of one percent, or that were adulterated with hulls, unground weed seeds, or refuse.

MANUFACTURER, BRAND AND REMARKS	Protein		Fat		Fiber	
	Guar.	Found	Guar.	Found	Guar.	Found
WATKINS WHOLESALE GROCERY COMPANY, EAST BERNSTADT, KENTUCKY						
Butterfat 24% Dairy Feed	24.0	24.4	2.5	3.6	12.0	10.2
WEISENBERGER SANITARY FLOUR MILLS, MIDWAY, KENTUCKY						
Mixed Feed	12.5	14.6	4.0	4.9	10.5	8.2
WEST KENTUCKY RENDERING COMPANY, MAYFIELD, KENTUCKY						
** 50% Protein Tankage	50.0	<u>44.9</u>	8.0	12.2	3.0	3.5 **
Very much below guarantee in protein						
45% Protein Tankage	45.0	44.6	8.0	17.5	3.0	2.1
WESTERN CONDENSING COMPANY, APPLETON, WISCONSIN						
"Peebles Free Choce Brand" Feed	9.0	10.3	.5	1.1	.0	.1
Peebles Lacto-G Dried Whole Whey	12.0	12.0	.5	.3	.0	.1
"Peebles Free Choice Brand" Feed	9.0	10.5	.5	.3	.0	.0
WESTERN YEAST COMPANY, CHILLCOTHE, ILLINOIS						
Western Live Yeast Culture-2X with Buttermilk Culture	9.0	9.4	2.5	5.4	5.0	2.8
WILLIAMSTOWN ROLLER MILLS, WILLIAMSTOWN, KENTUCKY						
Williamstown 18% Protein Dairy Feed	18.0	19.2	2.5	3.1	10.0	6.5
WINN MILLING COMPANY, GREENSBURG, KENTUCKY						
Daisy 20% Protein Laying Mash	20.0	21.5	3.0	3.4	8.0	6.0
Daisy Scratch Feed	8.0	9.6	3.0	2.8	4.0	2.0
** Daisy 20% Dairy Feed	20.0	<u>18.7</u>	2.5	2.5	15.0	12.1 &
** Daisy 16% White Tag Dairy Feed	16.0	<u>18.3</u>	2.5	2.4	10.0	<u>12.0</u> **
Daisy 16% Protein Dairy Feed	16.0	18.2	2.5	2.1	15.0	12.4
WINN AND TOBIN MILLING COMPANY, LEITCHFIELD, KENTUCKY						
Daisy 20% Laying Mash	20.0	20.0	2.5	4.7	7.5	5.6
Tasty 18% Laying Mash	18.0	18.2	2.5	4.6	8.0	5.5
Daisy 18% Protein Hog Feed	18.0	19.0	4.0	4.0	7.0	5.3
WOODFORD FEED COMPANY, VERSAILLES, KENTUCKY						
Big W 16% Dairy Feed	16.0	17.2	3.0	3.8	12.0	8.1
** Big W 16% Dairy Feed	16.0	19.6	3.0	2.7	12.0	7.4 **
Contained Oat Hull Feed						
J. W. ZARING GRAIN AND MILL COMPANY, RICHMOND, KENTUCKY						
Zaring's 18% Starting and Growing Mash	18.0	18.6	3.0	3.8	7.0	5.6
** Zaring's 24% Dairy Feed	24.0	30.3	3.0	<u>2.0</u>	12.0	7.4 **
Contained corncobs						
Zaring's Farm Feed	14.0	14.4	4.0	6.2	8.0	6.0
** Zaring's Farm Feed	14.0	<u>13.3</u>	4.0	4.5	8.0	6.8 **
YOPP SEED COMPANY, PADUCAH, KENTUCKY						
** Yopp's Hen Feed	9.0	10.4	3.0	2.3	3.0	2.1 **
Contained unground weed seeds						

**Samples failing to equal guaranty by more than one-half of one percent, or that were adulterated with hulls, unground weed seeds, or refuse.

5M-12-53